From N5RKN@aol.com Sun Sep 01 01:32:28 1996
Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA10116 for <aprssig@tapr.org>; Sun, 1 Sep 1996 01:32:26 -0500 (CDT)
From: N5RKN@aol.com
Received: by emout07.mail.aol.com (8.6.12/8.6.12) id CAA17195 for aprssig@tapr.org; Sun, 1 Sep 1996 02:31:55 -0400
Date: Sun, 1 Sep 1996 02:31:55 -0400
Message-ID: <960901023153_469592581@emout07.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: WX display & other stuff

I'm in agreement on the suggested display of WX. As SKYWARN coordinator for West Texas and over 17 counties, we have had APRS up and running for nearly 1 year at the NWS. Our first season this spring did not much use of it. However, I expected this. I felt it would be a test season in which we could get a good look at how it would benefit us. With Les (N5KOA) here in Odessa, it's been helpful to have him work out some of the problems with his WX program and see the immediate results. One interesting quirk, or problem, recently noted. I was at the NWS visisting today and showing that particular shift the newest amateur WX station down in Alpine. They noted that the barometer display was showing 20, which didn't figure into anything they could see. However, a direct com connect to the station (N5JOE) and running //WX (Les's program) displayed the correct info. What is the map display telling us?
  I'm also interested in other SKYWARN coordinator's input and suggestions and what they've encountered in using APRS along with SKYWARN.
   Thanks,
               Robert   N5RKN

From wmn3@dfw.net Sun Sep 01 07:29:21 1996
Received: from dfw.dfw.net (root@dfw.dfw.net [198.175.15.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA19215 for <aprssig@tapr.org>; Sun, 1 Sep 1996 07:29:20 -0500 (CDT)
Received: from dfw.net (PPP21.fortworth.dfw.net) by dfw.dfw.net (4.1/SMI-4.1)
     id AA06659; Sun, 1 Sep 96 07:28:22 CDT
Message-Id: <9609011228.AA06659@dfw.dfw.net>
From: "Bill Neal/N0NSA" <wmn3@dfw.net>
To: <aprssig@tapr.org>
Subject: Win APRS Map Making
Date: Sun, 1 Sep 1996 07:25:25 -0500
X-Msmail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi all;
I've been doing some maps of the DFW area from the ftp site at USGS for the DOS version... But, I'd like to try my hand at better resolution with WinAPRS.

So far I've not seen ANY documentation with WinAPRS on HOW to make a map for this program. Yes, I know you can use the same program (MK100 ect) I currently use for DOS maps. But, it usually dies about 1/3 of the way through making a DOS map with the detail that I'm looking for.

Anyone have some direction for me?

Cheers, Bill Neal
http://www.dfw.net/~wmn3/
System in use: Pentium 100MHz/16Meg/Win95

From davidc@tbcnet.com Sun Sep 01 09:29:33 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA23082 for <aprssig@tapr.org>; Sun, 1 Sep 1996 09:29:31 -0500 (CDT)
Received: from [207.112.227.163] (davidc.tbcnet.com [207.112.227.163]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id JAA12372 for <aprssig@tapr.org>; Sun, 1 Sep 1996 09:29:31 -0500
Date: Sun, 1 Sep 1996 09:29:31 -0500
Message-Id: <199609011429.JAA12372@tbc1.tbcnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: davidc@tbcnet.com (David Chesser)
Subject: Re: [APRSSIG:4277] Win APRS Map Making

Try downloading MacDLG from TAPR. Yes I know It's a Mac program but find someone with a Mac and use it. I have tryed this program myself making maps a large as 277k points it even has some data reduction.

From jleonard@tbcnet.com Sun Sep 01 09:30:08 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA23121 for <aprssig@tapr.org>; Sun, 1 Sep 1996 09:30:07 -0500 (CDT)
Received: from PR145.tbcnet.com (PR145.tbcnet.com [207.112.227.45]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id JAA12386 for <aprssig@tapr.org>; Sun, 1 Sep 1996 09:30:07 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR145.tbcnet.com [207.112.227.45] didn't use HELO protocol
Message-Id: <1.5.4.32.19960901142950.006b7e6c@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 01 Sep 1996 09:29:50 -0500

To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:4277] Win APRS Map Making

First, maps made for dosAPRS work great in WinAPRS. Just copy them into the \WINAPRS\MAPS directory.

Second, using MKMAPxxx.exe, with the USGS DLG/Optional CDRom, I've been able to make fairly detailed maps for WinAPRS, that won't work with dosAPRS (because of the 3000 pt limit).

To see some, go to
http://tbcnet.com/~jleonard/n9vjq.htm

73s

jbl

At 07:43 9/1/96 -0500, you wrote:
>Hi all;
>I've been doing some maps of the DFW area from the ftp site at USGS for the
>DOS version... But, I'd like to try my hand at better resolution with
>WinAPRS.
>
>So far I've not seen ANY documentation with WinAPRS on HOW to make a map
>for this program. Yes, I know you can use the same program (MK100 ect) I
>currently use for DOS maps. But, it usually dies about 1/3 of the way
>through making a DOS map with the detail that I'm looking for.
>
>Anyone have some direction for me?
>
>Cheers, Bill Neal
>http://www.dfw.net/~wmn3/
>System in use: Pentium 100MHz/16Meg/Win95
>

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
American Red Cross Disaster Services - DeKalb Co Chapter
DR444 DR157

From wa8inz@cris.com Sun Sep 01 10:03:52 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA24473 for <aprssig@tapr.org>; Sun, 1 Sep 1996 10:03:51 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by franklin.cris.com (8.7.5/(96/08/20 2.48))
     id LAA19315; Sun, 1 Sep 1996 11:03:49 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com

Received: from LOCALNAME (cnc80430.concentric.net [206.173.119.30])
     by cliff.cris.com (8.7.5)
     id LAA29377; Sun, 1 Sep 1996 11:03:47 -0400 (EDT)
Message-ID: <3229C1F1.71CA@cris.com>
Date: Sun, 01 Sep 1996 10:03:45 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: WX Legal
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I want to pose another question to the sig and specially Bob on the
legality of the OBJECT. I have a local weather station showing on the map
as GHCC in this beacon or P list all it shows is the <C-5>. No indication
other then the C-5 on who is transmitting this wx signal. Now i know
who's station it is but others i'm sure are wondering. Of course part 97
is a legal document that i'm sure covers this somewhere but i can't find
it. I think the explination for this WX station is that it's being
transmitted as an object, but can an object actually be a transmitting
site?.

In other words the way it's being done as i can see it that there's a
transmitter at this site with no callsign, but to ID another station
places an object at that site with the desicnation of <C-5> (An object).

--
   Check out my APRS Web Page.
    Totally Devoted to APRS

http://www.concentric.net/~wa8inz

             \////
             (o o)
       --o00-(_)-00o--
          Bill WA8INZ
        wa8inz@cris.com
        wa8inz@amsat.org

From wmn3@dfw.net Sun Sep 01 10:06:26 1996
Received: from dfw.dfw.net (root@dfw.dfw.net [198.175.15.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA24506 for <aprssig@tapr.org>; Sun, 1 Sep 1996
10:06:23 -0500 (CDT)
Received: from dfw.net (PPP10.fortworth.dfw.net) by dfw.dfw.net (4.1/SMI-4.1)
     id AA15166; Sun, 1 Sep 96 10:05:33 CDT
Message-Id: <9609011505.AA15166@dfw.dfw.net>
From: "Bill Neal/N0NSA" <wmn3@dfw.net>
To: <aprssig@tapr.org>
Subject: Re: Re: Win APRS Map Making
Date: Sun, 1 Sep 1996 10:03:34 -0500
X-Msmail-Priority: Normal

X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I'm making maps for a specialized function, Search and Rescue. We follow the 15" X 15" grid system that the US Government uses. Unfortunatly, we find ourselves looking for a lost person within a 5 mile area most of the time.

Being able to tag/name areas and include ALL the data the USGS has for an area is very helpful. This also allows us to make maps that have various combo's of the USGS data for any situation. I've got the entire area mapped for DOS APRS, but want to try out the WinAPRS for our mobile command post. It'll have a high end microprocessor running a mini ethernet LAN, so it could conceivably run WinAPRS without choking the LAN.

Also, running WinAPRS and having a map making function available for IT, would enable us to make maps "on the fly" via cell phone and the Internet when being stationed to a never before seen area before (yes I know I could by the USGS CD, but why when the're updating next year?). Having an easy one map does all would be nice as opposed to the many map with differing levels of detail as in DOS... Or have I just inserted foot into mouth, by saying WinAPRS does something it doesn't?

See, map making info would be real helpful so that I (and maybe others) don't have to guess about capabilities and other stuff. That way I don't get footus in da mouthus! Cheers y'all, Bill Neal / N0NSA

From scout@gte.net Sun Sep 01 11:45:31 1996
Received: from mail.gte.net (mail.gte.net [206.124.64.251]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA28410 for <aprssig@tapr.org>; Sun, 1 Sep 1996 11:45:29 -0500 (CDT)
Received: from default (clw98205.gte.net [206.251.98.205]) by mail.gte.net (951211.SGI.8.6.12.PATCH1042/950213.SGI.AUTOCF) via SMTP id LAA27228 for <aprssig@tapr.org>; Sun, 1 Sep 1996 11:43:47 -0500
Message-ID: <3229BC40.20DF@gte.net>
Date: Sun, 01 Sep 1996 12:39:28 -0400
From: Neil Lauritsen <scout@gte.net>
Organization: PINELLAS CO FL ARES, SKYWARN, & RACES
X-Mailer: Mozilla 2.01E-GTE (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4279] Re: Win APRS Map Making
References: <1.5.4.32.19960901142950.006b7e6c@tbcnet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John B. Leonard, Jr wrote:
>
> First, maps made for dosAPRS work great in WinAPRS. Just copy them into the
> \WINAPRS\MAPS directory.

>
> Second, using MKMAPxxx.exe, with the USGS DLG/Optional CDRom, I've been able
> to make fairly detailed maps for WinAPRS, that won't work with dosAPRS
> (because of the 3000 pt limit).
>
> To see some, go to
> http://tbcnet.com/~jleonard/n9vjq.htm
>
> 73s
>
> jbl
>
> At 07:43 9/1/96 -0500, you wrote:
> >Hi all;
> >I've been doing some maps of the DFW area from the ftp site at USGS for the
> >DOS version... But, I'd like to try my hand at better resolution with
> >WinAPRS.
> >
> >So far I've not seen ANY documentation with WinAPRS on HOW to make a map
> >for this program. Yes, I know you can use the same program (MK100 ect) I
> >currently use for DOS maps. But, it usually dies about 1/3 of the way
> >through making a DOS map with the detail that I'm looking for.
> >
> >Anyone have some direction for me?
> >
> >Cheers, Bill Neal
> >http://www.dfw.net/~wmn3/
> >System in use: Pentium 100MHz/16Meg/Win95
> >
> ---
> J Barry Leonard/N9VJQ
> DeKalb IL
> E-MAIL: jleonard@tbcnet.com
> WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
> American Red Cross Disaster Services - DeKalb Co Chapter
> DR444 DR157

I have found that every aprsdos mapfile I try to use with WinAprs loses
the map outline showing everything else ok ,,any hints or fixes for this
prob?

From jleonard@tbcnet.com Sun Sep 01 13:33:15 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA02070 for <aprssig@tapr.org>; Sun, 1 Sep 1996
13:33:06 -0500 (CDT)
Received: from PR149.tbcnet.com (PR149.tbcnet.com [207.112.227.49]) by
tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id NAA15818 for <aprssig@tapr.org>; Sun, 1
Sep 1996 13:33:01 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR149.tbcnet.com [207.112.227.49]
didn't use HELO protocol
Message-Id: <1.5.4.32.19960901183241.006c59ac@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 01 Sep 1996 13:32:41 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:4282] Re: Win APRS Map Making

At 11:57 9/1/96 -0500, you wrote:

>
>I have found that every aprsdos mapfile I try to use with WinAprs loses
>the map outline showing everything else ok ,,any hints or fixes for this
>prob?

WinAPRS will take a DOS map, and go all the way to the furthest limits of the map, in spite of where the border says it should be. Also, WinAPRS discards/ignores the border of the DOS map.

The only way that I've been able to fix this is to TASK-Trim the map in question, saving everything that's relevant to the map, and discarding everything else.

The area where I saw this most evident was when I was making a map for Rockford IL, and then I TASK-Imported the water info from a USGS 2m map of the county. While DosAPRS loaded at the same border as before, WinAPRS suddenly shot out to the extremes of the new map. As the Rock River went from up in WI to Lee County in the new map, that's where WinAPRS loaded it. Trimming it fixed the problem.

See

http://tbcnet.com/~jleonard/n9vjq.htm

for a comparison of DosAPRS/WinAPRS using a DOS map.

jbl

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
American Red Cross Disaster Services - DeKalb Co Chapter
DR444 DR157

From garnold@naples.net Sun Sep 01 16:12:37 1996
Received: from gator.naples.net (root@gator.naples.net [205.160.191.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA07897 for <aprssig@tapr.org>; Sun, 1 Sep 1996 16:12:36 -0500 (CDT)
Received: from port32.annex1.naples.net (port32.annex1.naples.net [205.160.191.128]) by gator.naples.net (8.7.3/8.6.12) with SMTP id RAA10283 for

<aprssig@tapr.org>; Sun, 1 Sep 1996 17:13:02 -0400 (EDT)
Message-ID: <322A5ED9.3BAF@naples.net>
Date: Sun, 01 Sep 1996 21:13:13 -0700
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4260] Re: Mobile to FL
References: <2.2.32.19960831012849.006e8ea8@mail.cyberstreet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ronald Oblinger wrote:
>
> At 06:29 PM 8/30/96 -0500, you wrote:
> >Hello I will be going to FL this weekend from Middle Ga. Our route will
> >take us through Tampa on I-75. Our final destination is Ft. Myers. Then
> >we'll be heading back on monday. APRS will be running while I am heading
> >down there, hope to see those FL stations!
> >
> >Everyone have a safe weekend.
> >
> >
> >
> >===
> > Southern Tech ARC | APRS
> >   KF4BMG | Try to hide..
> > 443.750 Mhz PL 156.7 | I bet we can find you.
> >   Technology | "We'll Keep Ya
> > dedicated to Radio | Tracken' "
> >===
> >
> >   Department of Computer Science
> >   Southern Polytechnic State University, Marietta, GA
> >   formerly :   Southern College of Technology
> >
> >   --
> >
> >Watch for me on Charlotte Harbor - KD4AMS.Drive safely.   ron.
> 73 cu Ron"KD4AMS"

You probably won't see much in the Ft. Myers area (we never see FMY here
anyway)...but you should see Ron in Pt. Charlotte, and the guys in
Naples. Ron: why don't we see you down here????

73,
Gary

(Reply sent to the sig, becasue the original message sender did not
include a return address...except the sig!)
--

Gary Arnold CEM
Coordinator, Collier County (FL) Emergency Management
garnold@naples.net
76656.2753@compuserve.com
[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "http://www.naples.net/govern/county/emrgmgt/zccem1.htm"
Personal page: "http://www.naples.net/govern/county/emrgmgt/garnold.htm"

"I went to a restaurant that serves 'breakfast at any time'. I ordered
French Toast during the Renaissance."
           -- Steven Wright, perpipheral visionary

From ronald@cyberstreet.com Sun Sep 01 21:54:19 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA19563 for <aprssig@tapr.org>; Sun, 1
Sep 1996 21:54:17 -0500 (CDT)
Received: from ronald.cyberstreet.com ([207.30.55.39])
          by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)
          with SMTP id AAA185 for <aprssig@tapr.org>;
          Sun, 1 Sep 1996 22:57:44 -0400
Message-Id: <2.2.32.19960902025624.006fcee0@mail.cyberstreet.com>
X-Sender: ronald@mail.cyberstreet.com (Unverified)
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 01 Sep 1996 22:56:24 -0400
To: aprssig@tapr.org
From: Ronald Oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSIG:4284] Re: Mobile to FL

At 04:13 PM 9/1/96 -0500, you wrote:
>Ronald Oblinger wrote:
>>
>> At 06:29 PM 8/30/96 -0500, you wrote:
>> >Hello I will be going to FL this weekend from Middle Ga. Our route will
>> >take us through Tampa on I-75. Our final destination is Ft. Myers. Then
>> >we'll be heading back on monday. APRS will be running while I am heading
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>> >
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>> >==
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>> > 443.750 Mhz PL 156.7 | I bet we can find you.
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>> >==

>> >
>> >   Department of Computer Science
>> >   Southern Polytechnic State University, Marietta, GA
>> >   formerly :   Southern College of Technology
>> >
>> >   --
>> >
>> >Watch for me on Charlotte Harbor - KD4AMS.Drive safely.   ron.
>> 73 cu Ron"KD4AMS"
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>anyway)...but you should see Ron in Pt. Charlotte, and the guys in
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>
>73,
>Gary
>
>(Reply sent to the sig, becasue the original message sender did not
>include a return address...except the sig!)
>--
>
>Gary Arnold CEM
>Coordinator, Collier County (FL) Emergency Management
>garnold@naples.net
>76656.2753@compuserve.com
>[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam
>
>EM pages: "http://www.naples.net/govern/county/emrgmgt/zccem1.htm"
>Personal page: "http://www.naples.net/govern/county/emrgmgt/garnold.htm"
>
>
>"I went to a restaurant that serves 'breakfast at any time'. I ordered
>French Toast during the Renaissance."
>   -- Steven Wright, perpipheral visionary
>
>

 Gary I don't know why you don't see me on your screen. I see you all the time. It is probably due to the digi or path I use. I am really confused abaout the wide's and gate's and relay's. I run a 26 element beam with over 100 watts and I aim it directly south quite often. Some evenings I get 4 or 5 pages of log. I save the large ones. If someone gave a class on this APRS I would pay for it and drive a hundred miles to get to it. I'm picking up bits and pieces here and there. But you should see me - darn it!. PS: In answer to your query - don't change a thing. Everyone up here likes the mess-ages and the screen plots the way they are.

Ron/73
73 cu Ron"KD4AMS"

From wendysue@global2000.net Mon Sep 02 00:08:26 1996
Received: from mail.global2000.net ([198.69.121.4]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id AAA28426 for <aprssig@tapr.org>; Mon, 2 Sep 1996 00:08:24 -0500

(CDT)
Received: from test.global2000.net (dialup-68.global2000.net [205.247.145.168]) by
mail.global2000.net (8.7.5/8.6.9) with SMTP id BAA30697 for <aprssig@tapr.org>;
Mon, 2 Sep 1996 01:08:22 -0400
Message-ID: <322A6BD6.555F@global2000.net>
Date: Mon, 02 Sep 1996 01:08:38 -0400
From: Wendy S Helm <wendysue@global2000.net>
Organization: Mobile Office Services
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4280] WX Legal
References: <3229C1F1.71CA@cris.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:
>
> I want to pose another question to the sig and specially Bob on the
> legality of the OBJECT. I have a local weather station showing on the map
> as GHCC in this beacon or P list all it shows is the <C-5>. No indication
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>
> --
>   Check out my APRS Web Page.
>   Totally Devoted to APRS
>
> http://www.concentric.net/~wa8inz
>
>   \////
>   (o o)
>   *--o00-(_)-00o--*
>   Bill WA8INZ
>   wa8inz@cris.com
>   wa8inz@amsat.org

Bill

I think that the rule 97.113(a) says it all!

John << N2OJY >>

From wa8inz@cris.com Mon Sep 02 00:22:12 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id AAA01122 for <aprssig@tapr.org>; Mon, 2 Sep 1996 00:22:08 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by franklin.cris.com (8.7.5/(96/09/01 2.49))
     id BAA15278; Mon, 2 Sep 1996 01:21:46 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc80187.concentric.net [206.83.64.87])
     by cliff.cris.com (8.7.5)
     id AAA27735; Mon, 2 Sep 1996 00:19:32 -0400 (EDT)
Message-ID: <322A7C6F.F13@cris.com>
Date: Sun, 01 Sep 1996 23:19:27 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4285] Re: Mobile to FL
References: <2.2.32.19960902025624.006fcee0@mail.cyberstreet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ronald Oblinger wrote:
>
> At 04:13 PM 9/1/96 -0500, you wrote:
> >Ronald Oblinger wrote:
> >>
> >> At 06:29 PM 8/30/96 -0500, you wrote:
> >> >Hello I will be going to FL this weekend from Middle Ga. Our route will
> >> >take us through Tampa on I-75. Our final destination is Ft. Myers. Then
> >> >we'll be heading back on monday. APRS will be running while I am heading
>
> Gary I don't know why you don't see me on your screen. I see you all the
> time. It is probably due to the digi or path I use. I am really confused
> abaout the wide's and gate's and relay's. I run a 26 element beam with
> over 100 watts and I aim it directly south quite often. Some evenings I get
> 4 or 5 pages of log. I save the large ones. If someone gave a class on this
> APRS I would pay for it and drive a hundred miles to get to it. I'm picking
> up bits and pieces here and there. But you should see me - darn it!. PS: In
> answer to your query - don't change a thing. Everyone up here likes the mess-
> ages and the screen plots the way they are.
>
> Ron/73
> 73 cu Ron"KD4AMS"

Hi Ron, just read your message and felt i should put in my two cents Hi. It may not be your station at all. A good example is my own station, i run a pair of stacket 13B2's at abt 50 feet with a Mirage B 5030 G amp that's about 275 watt into those beams with the radio i'm running it with, yet there's one digi about 80 miles away that i can hear direct that i cannot hit at all due to all the intermod on that site, yet i can hit N4NEQ-3 that is 158 miles away without any problem. The best all around path to use if in question is WIDE,WIDE try not to use relay. Or look in your D list and see who is hitting

you direct by the * in front of the call. So you see them on the map and you use WIDE,WIDE and they don't see you it's on their end not yours. Sorry for butting in.

--
   Check out my APRS Web Page.
    Totally Devoted to APRS

http://www.concentric.net/~wa8inz

             \////
             (o o)
       --o00-(_)-00o--
          Bill WA8INZ
        wa8inz@cris.com
        wa8inz@amsat.org

From james-m@ix.netcom.com Mon Sep 02 01:46:37 1996
Received: from dfw-ix11.ix.netcom.com (dfw-ix11.ix.netcom.com [206.214.98.11]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA03748 for <aprssig@tapr.org>; Mon, 2 Sep 1996 01:46:35 -0500 (CDT)
Received: from #james-m (sav-ga1-05.ix.netcom.com [205.184.8.37]) by dfw-ix11.ix.netcom.com (8.6.13/8.6.12) with ESMTP id XAA18079 for <aprssig@tapr.org>; Sun, 1 Sep 1996 23:46:18 -0700
Message-Id: <199609020646.XAA18079@dfw-ix11.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: APRS beacon format
Date: Mon, 2 Sep 1996 02:42:26 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Could someone help me with a problem I am having..

I have another local station beaconing the following and I am not able to see his station on my map the way he is listing it in his beacon..

N4FOR>BEACON,WIDE:!3204.67N/8105.70W#PHG5390/WIDE-RELAY/Connect to N4FOR-2 for message.

as I said I am not able to see this station on my local map, he is within a couple of mile so me, and I can manually enter him onto my may.. I think the reason he is not showing up with the info give above is because he has left out the leading 0 in front of the 8105.70W location. Am I right about this or is there something I am doing wrong that is not allowing this station to show up properly on my APRS map??

Thanks in advance for any help..

Don
AE4BR

From wa8inz@cris.com Mon Sep 02 05:31:39 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id FAA09440 for <aprssig@tapr.org>; Mon, 2 Sep 1996
05:31:37 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by franklin.cris.com (8.7.5/(96/09/02 2.50))
     id GAA18011; Mon, 2 Sep 1996 06:31:35 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc801169.concentric.net [206.83.64.169])
     by cliff.cris.com (8.7.5)
     id VAA20338; Sun, 1 Sep 1996 21:29:23 -0400 (EDT)
Message-ID: <322A548F.C25@cris.com>
Date: Sun, 01 Sep 1996 20:29:19 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Addesses
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am adding a fourth page to my APRS webpage and here's what i would like
to do. Those of you that are willing to help someone get started using
APRS in your area, and can hit most of your local digi's in the town you
live in then i would like to list your e-mail address so a newcommer
after reading all about APRS on my web page can at least have someone to
contact to help him get setup and on what and what not to do (Just your
E-Mail address and the town and State your located in will do). I don't
know if this is workable, but i'm willing to try. If you have it just
give the Amsat.org address if you wish. I don't want to do this unless
your willing to help a new APRS user in your town!.
--
   Check out my APRS Web Page.
    Totally Devoted to APRS

http://www.concentric.net/~wa8inz

             \////
             (o o)
       --o00-(_)-00o--
          Bill WA8INZ
        wa8inz@cris.com
        wa8inz@amsat.org

From knutf@mail.idt.net Mon Sep 02 07:21:27 1996
Received: from Mail.IDT.NET (mail.idt.net [198.4.75.205]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id HAA12939 for <aprssig@tapr.org>; Mon, 2 Sep 1996
07:21:25 -0500 (CDT)

Received: from ppp-31.ts-1.hrt.idt.net (ppp-31.ts-1.hrt.idt.net [169.132.70.31])
by Mail.IDT.NET (8.7.4/8.7.3) with SMTP id IAA17832 for <aprssig@tapr.org>; Mon, 2
Sep 1996 08:21:20 -0400 (EDT)
Message-ID: <322AF8F8.21AC@mail.idt.net>
Date: Mon, 02 Sep 1996 08:10:48 -0700
From: Knut Finnevolden <knutf@mail.idt.net>
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4264] APRS at 30,000 ft on an L-1011
References: <2.2.32.19960831025547.006d4fbc@atl.mindspring.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

rwf wrote:
> I just got off the plane on my trip back from Florida. We held a lot due to
> weather, so I had a chance to do something kind of neat:
> I played with APRS on the Delta Jet. I also played with Precision Mapping/GPS.
> I did not have a radio turned on, So I just played with the GPS and maps.
> Here's what I did:
> I had a Garmin Trackpack 35 PC (one of the 10 channel parallel receiver
> units that looks like a computer mouse) along with my laptop and a battery
> to run the GPS. It was the same GPS that was used on the BTTR plane last
> weekend.
> The GPS was sending about 10 sentences once a second at 4800 bps, so I kept
> overloading the APRS comm buffer, but every other position came out ok.
> I put the little bracket for the GPS in the plane window. It comes with a
> little radar detector type suction cup mount shelf. I received 3-4
> satellites, but only got a 3D fix once (29,500 ft).
> It was neat watching the plane zip along at 500 MPH. Heck, it was
> interesting just seeing the the speed that high in knots in the P list!
> Needless to say, the other passengers in the immediate area got a kick out
> of it too. Especially when the pilot lied and said we were now heading to
> Atlanta (after a long hold over the LaGrange VOR) when we were actually
> somewhere in Alabama flying in circles.
> I then booted up Precision Mapping/GPS. I never saw an altitude readout
> even with a 3 D fix (possible bug with large altitudes). It worked well and
> the others were real interested to see us zipping over the streets as I was
> zoomed in.
> The Flight Attendants observed me and gave me no problems at all, but if
> they had- I was going to get them to check with the Pilot, telling him that
> a passenger/pilot was wanting to play with his GPS and PC.
>
> Sure would have been fun to have used a rig up there, but I tend to respect
> those rules!
> 73
> Ralph

Ralp,
What you did seemed pretty COOL, but it was illegal and dangerous!!!
As you obviously know, you may not use any receiver on board a commercial
airplane (Federal Aviation Regulations). The pilot cannot even permit you
to do it. A GPS is a receiver!! And you knew that!!

So what did you do when you were showboating for the other passengers ??
You could have endangered your and everybody elses lives, since it could
have affected the onboard navigation system. Depending on the type of
airplane you were in, some have OLD equipment. Be aware that in a holding
pattern, the protected airspace around your aircraft is limited, and the
pilots are expected to remain within. If they bust this, and it creates a
conflict with another airplane, the pilots may have their license
suspended for 30-90 days. That's a big fine (loss of income) for your
showboating. Next time, if you are not sure, ask the pilot prior to using
a receiver. Don't ask the flight attendant.

73.. Knut
Airline Captain

PS. If this had happened on my flight, I would have had you arrested for
endangering everbody's lifes.

From theojkat@voicenet.com Mon Sep 02 08:17:46 1996
Received: from mail.voicenet.com (mail.voicenet.com [207.103.0.37]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA14605 for <aprssig@tapr.org>; Mon, 2 Sep 1996
08:17:45 -0500 (CDT)
Received: from eagle1 (philly112.voicenet.com [207.103.16.191]) by
mail.voicenet.com (8.7.5/8.6.12) with SMTP id JAA15222 for <aprssig@tapr.org>;
Mon, 2 Sep 1996 09:19:02 -0400 (EDT)
Message-Id: <1.5.4.32.19960902131612.006aeb28@voicenet.com>
X-Sender: theojkat@voicenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 02 Sep 1996 09:16:12 -0400
To: aprssig@tapr.org
From: "Theodore J. Katz" <theojkat@voicenet.com>
Subject: ACARS

I have been reading about acars w/aprs or APRSacars, Is there any info on
have this is setup?.
I have a PK900, aprs76f and a radio that can recieve 131.55 AM.
The PK900 does have software the will run acars. So I think the demodulator
is in the system.

I have tried just connecting the am radio to the second port of the pk900,
but how do I tell aprs the the second port is active?

Ted Katz N3OWM,Phila,Pa
tedk@formail.formation.com
theojkat@voicenet.com
n3owm@ke3cz.epa.pa.usa

From KSwaggart@aol.com Mon Sep 02 09:22:28 1996
Received: from emout19.mail.aol.com (emout19.mx.aol.com [198.81.11.45]) by

tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA17165 for <aprssig@tapr.org>; Mon, 2 Sep 1996 09:22:26 -0500 (CDT)
From: KSwaggart@aol.com
Received: by emout19.mail.aol.com (8.6.12/8.6.12) id KAA16045 for aprssig@tapr.org; Mon, 2 Sep 1996 10:21:55 -0400
Date: Mon, 2 Sep 1996 10:21:55 -0400
Message-ID: <960902102154_275067399@emout19.mail.aol.com>
To: aprssig@tapr.org
Subject: New N. Calif maps & maplist

During this last batch of map-making, the limits for maplist.CA was exceeded, so I have split northern California off from the rest of the state!

norcal01.zip contains APRS maps for northern California, from a line from about Monterey to the sierras. Included is MAPLIST.CAN which is the maplist for these maps. This maplist also includes the larger area maps such as USA, World, and regional California maps.

norcal01.zip can be found at tapr.org/tapr/SIG/aprssig/files/upload for now.

73, Ken, W7KKE
kswaggart@aol.com

From james-m@ix.netcom.com Mon Sep 02 11:05:55 1996
Received: from dfw-ix11.ix.netcom.com (dfw-ix11.ix.netcom.com [206.214.98.11]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA20938 for <aprssig@tapr.org>; Mon, 2 Sep 1996 11:05:53 -0500 (CDT)
Received: from #james-m (sav-ga1-09.ix.netcom.com [205.184.8.41]) by dfw-ix11.ix.netcom.com (8.6.13/8.6.12) with ESMTP id JAA01976 for <aprssig@tapr.org>; Mon, 2 Sep 1996 09:05:21 -0700
Message-Id: <199609021605.JAA01976@dfw-ix11.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: Uplinking hurricane info
Date: Mon, 2 Sep 1996 12:05:02 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

While I am in the questioning mood, I would like to find out if I have been screwing up or not..

As I stated in a previous message, there are currently only two stations operating aprs in the local Savannah area.. I am working hard to get more people up and running with APRS. One of the ways I have been doing this is to uplink the recent hurricane reports every six hours of so thruout the time that the hurricanes are a threat to the east coast.. Am I screwing up something by doing this.. I have recieved no complaints from anyone, but this could be beacause there is nor near enough to be bother by me doing

this.. Is it ok to uplink this kind of weather information if a station like me does not see in already on their APRS maps..

Thanks in advance for your replys..

Don
AE4BR WxStat, Port Wentworth, Ga.

From N2ZRC@gnn.com Mon Sep 02 11:41:03 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA22085 for <aprssig@tapr.org>; Mon, 2 Sep 1996 11:41:00 -0500 (CDT)
Received: from 11-69.client.gnn.com. (52-104.client.gnn.com [205.188.52.104]) by mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id MAA00988 for <aprssig@tapr.org>; Mon, 2 Sep 1996 12:40:24 -0400 (EDT)
Message-Id: <199609021640.MAA00988@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 02 Sep 1996 12:39:56
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: NYC <>DC Mobile

Hello all,

I'll be taking APRS for a ride from New York City to Washington DC on Friday, October 4th (after I get home from work) and returning Sunday the 6th (again, late afternoon or evening) and am wondering if the best path to set for the trip would be "RELAY,WIDE,WIDE" or to just leave out the RELAY. Yes, I know that a WIDE digipeater should also have an alternate alias of RELAY, but am also aware that not all TNC's support this.

I'll probably be taking I-95 (or one of the parallel roads like US-1) all the way to the Beltway. Mobile setup is as follows:

Toshiba Satellite 105 computer (the co-pilot),
PicoPacket w/built-in Trimble SV-6 GPS,
Yaesu FT-530 H-T,
rfConcepts rfc-270g Amp (might need the extra juice!),
ANLI AL-800 Telescopic whip,
Yaesu FT-5100 Mobile rig,
Diamond SG-7900 mobile whip.

The '5100 & '7900 will be for voice. If you see N2ZRC-12, try suggesting a repeater in a one-liner. I'd sure appreciate the company. I'll be too busy driving to try to type out a reply (aside from a possible F2-OK)! Please note that the SV-6 does NOT seem to support $GPRMC, so I'll be using $GPGGA (no course or speed data ... what a bummer!)

Also, does anybody in the DC/Silver Spring area know of an NTS net? What time/frequency/PL? NTS traffic handling is addictive, you know, and I'll need my fix! 73 & thanks to all.

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

"I am initiating an inverted tachyon pulse to those coordinates now."

From N2ZRC@gnn.com Mon Sep 02 11:41:19 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA22103 for <aprssig@tapr.org>; Mon, 2 Sep 1996 11:41:18 -0500 (CDT)
Received: from 11-69.client.gnn.com. (52-104.client.gnn.com [205.188.52.104]) by mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id MAA15103 for <aprssig@tapr.org>; Mon, 2 Sep 1996 12:40:43 -0400 (EDT)
Message-Id: <199609021640.MAA15103@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 02 Sep 1996 12:40:19
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4289] Addresses

Hi Bill & the SIG,

On Mon, 2 Sep you wrote:

>Those of you that are willing to help someone get started us-
>ing APRS in your area, and can hit most of your local digi's
>in the town you live in then i would like to list your e-mail
>address so a newcommer after reading all about APRS on my web
>page can at least have someone to contact to help him get set
>up and on what and what not to do ...

GREAT idea, Bill! Count me in! As they say, "The More, The Merrier."

Here's another idea which I often implement (and I must admit I learned from Keith S.): When you see a new station on the screen (ie: one you KNOW is new to APRS,) Send 'em two one-liners welcoming them and offering help. What I usually do is:

"Hi de Arte & Welcome to APRS! Questions? ASK!"

"To reply press SN2ZRC <cr>, type msg & <cr>"

I'd say that 8 out of 10 take me up on it and STICK with APRS

for more than just the few minutes or hours that those with no clue on how to operate the system do.

So, if you have the time and inclination, a little on-the-air elmering can go a long way. Next time you see an APRS newbie appear on the map, see if you can lend a hand. Remember when you first got started with APRS? How confusing, daunting and disappointing it was? Particularly with APRSDos, with all its nested menus and keystrokes? "If you elmer then, they will stay!" 8-{) 73

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

"I am initiating an inverted tachyon pulse to those coordinates now."

From 71301.3106@CompuServe.COM Mon Sep 02 12:31:09 1996
Received: from arl-img-2.compuserve.com (arl-img-2.compuserve.com [149.174.217.132]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA24256 for <aprssig@tapr.org>; Mon, 2 Sep 1996 12:31:08 -0500 (CDT)
Received: by arl-img-2.compuserve.com (8.6.10/5.950515)
id NAA00846; Mon, 2 Sep 1996 13:30:35 -0400
Date: 02 Sep 96 13:29:23 EDT
From: Mike Musick <71301.3106@CompuServe.COM>
To: <aprssig@tapr.org>
Subject: Re: Win APRS Map Making
Message-ID: <960902172923_71301.3106_FHJ38-2@CompuServe.COM>

Bill writes, in various messages:

>maps...better resolution

>make maps "on the fly"

This capability exists - but not on the DOS/Win platform. If you were running a Macintosh in this application, you would have MacAPRS for the APRS side of things and MacDLG for producing highly detailed maps.

(MacAPRS is somewhat better than WinAPRS because the Windows version is simply a "port" of the Mac version, with some things lost in the translation. I run all three APRS's, and the Mac version is the one I keep going back to.)

In a serious professional/volunteer situation such as that associated with search and rescue, and public-agency funded mobile command posts, the computer platform is irrelevant - you should be making purchase decisions based on the solution, not someone's hardware prejudices.

>via cellphone

An interesting idea, but given the size of many of the 100K DLG files and the realistic throughput of even a "28.8" cellphone-compatible modem, I will hazard

an edu-guess that you will not be able to reliably download USGS data this way. Cellphone connections are notoriously unstable, and the probability is very slim of your being able to sustain the 15-20 minute connection needed to download the bulky DLG files for even one half-quadrant. Again, this is an interesting idea, but the user-accessable technology hasn't caught-up yet.

There's also the assumption that you're going to have cellular coverage everywhere you go, or, in a disaster situation, have a fully intact system. Reality (and my direct experience) is otherwise. You're far better off using the CD-ROM; to heck with it being obsolete next year. Besides, one 100K CD-ROM will pay for itself quickly - unless that cell account is totally without cost.

...mike/N0QBF
71301.3106@compuserve.com

From 71301.3106@CompuServe.COM Mon Sep 02 14:20:47 1996
Received: from hil-img-4.compuserve.com (hil-img-4.compuserve.com [149.174.177.134]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA00311 for <aprssig@tapr.org>; Mon, 2 Sep 1996 14:20:42 -0500 (CDT)
Received: by hil-img-4.compuserve.com (8.6.10/5.950515)
id PAA10466; Mon, 2 Sep 1996 15:20:06 -0400
Date: 02 Sep 96 15:18:08 EDT
From: Mike Musick <71301.3106@CompuServe.COM>
To: <aprssig@tapr.org>
Subject: New MacDLG Uploaded
Message-ID: <960902191808_71301.3106_FHJ73-1@CompuServe.COM>

Just uploaded into the APRS SIG "upload" area on the TAPR FTP server is a new revision of MacDLG, v1.04. It is a maintenance release fixing/adding:

- [Mac/Win] Correct internal notation of map type version ("1.00" instead of "McDL")
- [Mac] Major routes will display as 2-pixel lines
- [Mac] State routes with letter designators or route numbers > 300 will display as thick gray lines instead of brown.
- [Win] Lettered or high-numbered routes will display as dark gray (local arteries).
- [DOS] If minor routes are not selected, lettered/high-numbered state routes will be gray lines.
- Slight improvement in display speed.

File is MacDLGv1.04.sea.hqx.

If you have downloaded v1.0, due to the "internal notation" fix it is crucial that you delete v1.0 and replace it with v1.04. Maps produced by MacDLG v1.0 will probably not work in future releases of Mac/WinAPRS.

For MacAPRS users, the difference in map coherence from the "thick lines" feature is phenomenal. My hat's off to Keith Sproul for alerting me to this hidden ability of MacAPRS.

Sample maps generated with v1.04 are also uploaded to the FTP site:

  Boston.sea.hqx
  MidMissouri.sea.hqx
  Peoria.sea.hqx

Enjoy!

  ...mike/N0QBF

From wa8inz@cris.com Mon Sep 02 15:18:57 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id PAA02618 for <aprssig@tapr.org>; Mon, 2 Sep 1996
15:18:55 -0500 (CDT)
Received: from LOCALNAME (cnc000063.concentric.net [206.173.121.63])
     by cliff.cris.com (8.7.5)
     id QAA08763; Mon, 2 Sep 1996 16:10:26 -0400 (EDT)
Message-ID: <322B5B4E.1160@cris.com>
Date: Mon, 02 Sep 1996 15:10:22 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Mentor Page
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I posted a message the other day asking for APRS users willing to help a
newcomer get APRS setup for your area. I have added a 4th page to my APRS
webpage I may have neglected to ask that you include your callsign!. This
new page is a page to show potential users where to find the software and
also to find a Mentor in their area to contact via E-Mail for help. Check
out the page and if interested in helping, please send me your Callsign,
Area your APRS station covers (Town/City, and of course your E-Mail
address.
Thanks in advance.
--
   Check out my APRS Web Page.
    Totally Devoted to APRS

http://www.concentric.net/~wa8inz

             \////
             (o o)
       --o00-(_)-00o--
          Bill WA8INZ
        wa8inz@cris.com
        wa8inz@amsat.org

From ronald@cyberstreet.com Mon Sep 02 15:23:03 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA02672 for <aprssig@tapr.org>; Mon, 2

Sep 1996 15:23:02 -0500 (CDT)
Received: from ronald.cyberstreet.com ([207.30.55.47])
          by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)
          with SMTP id AAA190 for <aprssig@tapr.org>;
          Mon, 2 Sep 1996 16:26:56 -0400
Message-Id: <2.2.32.19960902202524.006a5d40@mail.cyberstreet.com>
X-Sender: ronald@mail.cyberstreet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 02 Sep 1996 16:25:24 -0400
To: aprssig@tapr.org
From: Ronald Oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSIG:4287] Re: Mobile to FL

At 12:33 AM 9/2/96 -0500, you wrote:
>Ronald Oblinger wrote:
>>
>> At 04:13 PM 9/1/96 -0500, you wrote:
>> >Ronald Oblinger wrote:
>> >>
>> >> At 06:29 PM 8/30/96 -0500, you wrote:
>> >> >Hello I will be going to FL this weekend from Middle Ga. Our route will
>> >> >take us through Tampa on I-75. Our final destination is Ft. Myers. Then
>> >> >we'll be heading back on monday. APRS will be running while I am heading
>>
>> Gary I don't know why you don't see me on your screen. I see you all the
>> time. It is probably due to the digi or path I use. I am really confused
>> abaout the wide's and gate's and relay's. I run a 26 element beam with
>> over 100 watts and I aim it directly south quite often. Some evenings I get
>> 4 or 5 pages of log. I save the large ones. If someone gave a class on this
>> APRS I would pay for it and drive a hundred miles to get to it. I'm picking
>> up bits and pieces here and there. But you should see me - darn it!. PS: In
>> answer to your query - don't change a thing. Everyone up here likes the mess-
>> ages and the screen plots the way they are.
>>
>> Ron/73
>> 73 cu Ron"KD4AMS"
>
>Hi Ron, just read your message and felt i should put in my two cents Hi. It
>may not be your station at all. A good example is my own station, i run a
>pair of stacket 13B2's at abt 50 feet with a Mirage B 5030 G amp that's about
>275 watt into those beams with the radio i'm running it with, yet there's one
>digi about 80 miles away that i can hear direct that i cannot hit at all due
>to all the intermod on that site, yet i can hit N4NEQ-3 that is 158 miles
>away without any problem. The best all around path to use if in question is
>WIDE,WIDE try not to use relay. Or look in your D list and see who is hitting
>you direct by the * in front of the call. So you see them on the map and you
>use WIDE,WIDE and they don't see you it's on their end not yours. Sorry for
>butting in.
>
>--
>   Check out my APRS Web Page.

>   Totally Devoted to APRS
>
>http://www.concentric.net/~wa8inz
>
>   \////
>   (o o)
>   *--o00-(_)-00o--*
>   Bill WA8INZ
>   wa8inz@cris.com
>   wa8inz@amsat.org
>
>

 Thank you Bill: at last I'm getting some concrete aid. I will try your
suggestions and let you know how they work out. Danke!   ron
73 cu Ron"KD4AMS"

From dwetzel@slkc.uswest.net Mon Sep 02 17:25:39 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA07944 for <aprssig@tapr.org>; Mon, 2
Sep 1996 17:25:37 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup48.slkc.uswest.net
[206.81.132.18]) by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id QAA07196
for <aprssig@tapr.org>; Mon, 2 Sep 1996 16:25:33 -0600
Message-ID: <322B5EB9.78AB@slkc.uswest.net>
Date: Mon, 02 Sep 1996 16:24:57 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4298] Mentor Page
References: <322B5B4E.1160@cris.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:
>
> I posted a message the other day asking for APRS users willing to help a
> newcomer get APRS setup for your area. I have added a 4th page to my APRS
> webpage I may have neglected to ask that you include your callsign!. This
> new page is a page to show potential users where to find the software and
> also to find a Mentor in their area to contact via E-Mail for help. Check
> out the page and if interested in helping, please send me your Callsign,
> Area your APRS station covers (Town/City, and of course your E-Mail
> address.
> Thanks in advance.
> --
>   Check out my APRS Web Page.
>   Totally Devoted to APRS
>
> http://www.concentric.net/~wa8inz
>
>   \////

>   (o o)
>   *--o00-(_)-00o--*
>   Bill WA8INZ
>   wa8inz@cris.com
>   wa8inz@amsat.org

Count me in Bill:

Salt Lake City, UT area until 9/25, then Portland, OR.

Doug Wetzel
KC7CO
dwetzel@slkc.uswest.net
801-553-9572

From gwells@nbn.net Mon Sep 02 18:46:09 1996
Received: from users.nbn.net (root@nbn.net [199.234.116.15]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA11097 for <aprssig@tapr.org>; Mon, 2 Sep 1996
18:46:07 -0500 (CDT)
Received: from default (access22.nbn.net [199.234.116.121]) by users.nbn.net
(8.6.12/8.6.9) with SMTP id TAA12412 for <aprssig@tapr.org>; Mon, 2 Sep 1996
19:43:33 -0400
Message-ID: <322B711D.75B0@nbn.net>
Date: Mon, 02 Sep 1996 19:43:25 -0400
From: Gary Wells <gwells@nbn.net>
X-Mailer: Mozilla 2.02 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS 7.7
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sir: I am using APRS 7.7 and have 2 items that may be of intrest.
First, I am using it with a Davis Weather Monitor II. Several times,
when I have quit APRS, and then gone back, APRS can not find the weather
station. It diaplays the Getting WX Station Data message, and locks up
TIGHT. Rebooting does not help. The only way I have found to get APRS
to find the WX station again is to reboot, start Weather Link software,
access the WX station, quit Weather Link, and then start APRS. Maybe
APRS doesn't release the WX station when it quits? Any way, I now know
how to avoid the problem, just thought you would like to know.

Second: Ther is a box on the map screen that displays Tracking mem. I
have not been able to find any reference to that in the Readme files. I
think I have figured it out, so this is FYI only, no reply necessary.

This is a marvelous piece of software, keep up the good work.
Gary, N3HCP

From martinbw@telalink.net Mon Sep 02 19:22:43 1996
Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA12965 for <aprssig@tapr.org>; Mon, 2 Sep 1996

19:22:41 -0500 (CDT)
Received: from oscar.telalink.net (nash-pm2-s20.telalink.net [205.241.232.85]) by eve.telalink.net (8.7.5/Telalink-4.83) with SMTP id TAA07206 for <aprssig@tapr.org>; Mon, 2 Sep 1996 19:22:07 -0500 (CDT)
X-Mailer: InterCon tcpCONNECT4 4.0 (Macintosh)
MIME-Version: 1.0
Message-Id: <9609021922.AA30350@oscar.telalink.net>
Date: Mon, 2 Sep 1996 19:22:30 -0500
From: "Bruce W. Martin" <martinbw@telalink.net>
To: aprssig@tapr.org
Subject: Shelby, Pico, Trimble and lessons learned.
Content-Type: Text/Plain; charset=US-ASCII
Content-Disposition: Inline

Just got back from the Shelby, NC hamfest. I figured that since there are a lot of digis along the way that this would be a great trip for me to use my laptop and dosAPRS (I usually use MacAPRS) along with my 2 port PicoPacket.

I recently retired my Icom IC-2A and VoCom powerpocket in favor of an Icom IC-25a. I spent the provious week making sure that the Antenna, Radio, TNC, & GPS worked well together. Unfortunately I failed to include the laptop in these tests since I had used the laptop and TNC together before and felt everything was ok there. WRONG!!

In the four days of the trip I found that I had an intermittent connection in the Antenna mount. I was able to buy a new mount on the first day in Shelby.

It took me until over two days of reading, experimenting, reading, experimenting cycle to find that I needed to change LGE from $00 to $05. BTW: Bob, might I suggest that since you give the option of TAPR, AEA or Pico to set what TNC is used that there should be coresponding INITTAPR.TNC, INITAEA.TNC and INITPICO.TNC files I would also think that three different restore files would be in order.

Finally on Saturday I had solved software and transceiver antenna issues when my garman GPS45 loses lock on the satelites. I tried resetting the GPS45 but still nothing. I was using the GPS45 with a Trimble antenna I purchased from PacComm. I left the Garmin antenna at home so i could not try that to see if it was an antenna problem (IT WAS).

Lessons learned:

Check everything and make sure it works perfectly before you leave home. Carry spares of as much as you can.

Bruce

--
****
* Bruce W. Martin   Internet: martinbw@telalink.net   *
* 4558 Brooke Valley Dr.   HAM Call: KQ4TV   *
* Hermitage TN 37076-2650   *

* Voice: (615) 872-7733 Targeting:36 10 30 N/86 35 30 W   *
* FAX/MODEM: (615) 872-0045   APRS:3610.50N/08635.50W   *
* URL: http://www.telalink.net/~martinbw/home.html   *
*   ftp://ftp.telalink.net/~martinbw   *
*   I have a 486DX33 to play games and run some HAM programs,*
*   when I want to do serious work I use a Macintosh.   *
****

From kf4dys@juno.com Mon Sep 02 19:23:06 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA12992 for <aprssig@tapr.org>; Mon, 2
Sep 1996 19:23:05 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
     id UAA22522; Mon, 02 Sep 1996 20:21:53 EDT
To: aprssig@tapr.org
Date: Mon, 2 Sep 1996 18:25:04 PST
Subject: Re: [APRSSIG:4293] Uplinking hurricane info
Message-ID: <19960902.191728.7663.0.kf4dys@juno.com>
References: <199609021605.JAA01976@dfw-ix11.ix.netcom.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-28
From: kf4dys@juno.com (Joe Foor)

On Mon, 2 Sep 1996 11:22:38 -0500 (CDT) "Don Murray"
<james-m@ix.netcom.com> writes:
>One of the ways I have been doing
>this is
>to uplink the recent hurricane reports every six hours of so thruout
>the
>time that the hurricanes are a threat to the east coast..

>Is it ok to uplink this kind of weather information if a
>station
>like me does not see in already on their APRS maps..

Hi Don;

Actually, that is one of the more common uses, posting
threatening weather to APRS... (at least it is around
here)

As long as you make sure that your path is set to just
your local digi (by call sign, not by the common alias of
RELAY or WIDE) then your data packets shouldn't be a
problem for anyone.

By all means, play with it. After all, you are the local
expert and will be expected to be able to answer
questions on techniques, as well as solve problems.

regards,
Joe

From bruninga@nadn.navy.mil Mon Sep 02 21:03:18 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA18310 for <aprssig@tapr.org>; Mon, 2
Sep 1996 21:03:16 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id WAA23822 for <aprssig@tapr.org>; Mon, 2 Sep 1996
22:08:16 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 2 Sep 1996 22:08:15 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4280] WX Legal
In-Reply-To: <3229C1F1.71CA@cris.com>
Message-ID: <Pine.GSO.3.95.960902220432.23521F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 1 Sep 1996, William Nolle wrote:

> In other words the way it's being done as i can see it that there's a
> transmitter at this site with no callsign, but to ID another station
> places an object at that site with the desicnation of <C-5> (An object).

APRSdos REPLY/COMMENT: The actual packet ALWAYS contains the callsign of
the "transmmiiter" if the <C-5> stations was lets say W3ABC-5, then the
actual on air packet would have been:

W3ABC-5>APRS,WIDE:OBJECT :LAT/LOMG/etc...

WHere the word OBJECT would be displayed on the PARS map. APRS only uses
the last three characters of a callsign as a hint as to who is actually
transmitting the OBJECT. This is because using the full 9 characters
would use up all most all of the comment field on the P list...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From wa8inz@cris.com Mon Sep 02 21:16:10 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA18618 for <aprssig@tapr.org>; Mon, 2 Sep 1996
21:16:06 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by franklin.cris.com (8.7.5/(96/09/02 2.52))
     id WAA07613; Mon, 2 Sep 1996 22:14:56 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc803141.concentric.net [206.173.114.141])
     by cliff.cris.com (8.7.5)
     id WAA27263; Mon, 2 Sep 1996 22:14:29 -0400 (EDT)
Message-ID: <322BB0A0.3D3F@cris.com>
Date: Mon, 02 Sep 1996 21:14:24 -0700
From: William Nolle <wa8inz@cris.com>

Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4300] Re: Mentor Page
References: <322B5EB9.78AB@slkc.uswest.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug Wetzel wrote:
>
> William Nolle wrote:
> >
> > I posted a message the other day asking for APRS users willing to help a
> > newcomer get APRS setup for your area. I have added a 4th page to my APRS
> > webpage I may have neglected to ask that you include your callsign!. This
> > new page is a page to show potential users where to find the software and
> > also to find a Mentor in their area to contact via E-Mail for help. Check
> > out the page and if interested in helping, please send me your Callsign,
> > Area your APRS station covers (Town/City, and of course your E-Mail
> > address.
> > Thanks in advance.
> > --
> >   Check out my APRS Web Page.
> >   Totally Devoted to APRS
> >
> > http://www.concentric.net/~wa8inz
> >
> >   \////
> >   (o o)
> >   *--o00-(_)-00o--*
> >   Bill WA8INZ
> >   wa8inz@cris.com
> >   wa8inz@amsat.org
>
> Count me in Bill:
>
> Salt Lake City, UT area until 9/25, then Portland, OR.
>
> Doug Wetzel
> KC7CO
> dwetzel@slkc.uswest.net
> 801-553-9572

Thanks Doug, will add you to the list and hope i will remember to change
it to portland after the 25th. I suppose you will be changing internet
addresses also, so please keep me updated if you would please.
--
   Check out my APRS Web Page.
    Totally Devoted to APRS

http://www.concentric.net/~wa8inz

```
            \////
            (o o)
       *--o00-(_)-00o--*
          Bill WA8INZ
         wa8inz@cris.com
         wa8inz@amsat.org
```


From bruninga@nadn.navy.mil Mon Sep 02 21:18:21 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA18884 for <aprssig@tapr.org>; Mon, 2 Sep 1996 21:18:18 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id WAA24047 for <aprssig@tapr.org>; Mon, 2 Sep 1996 22:23:18 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 2 Sep 1996 22:23:17 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4291] ACARS
In-Reply-To: <1.5.4.32.19960902131612.006aeb28@voicenet.com>
Message-ID: <Pine.GSO.3.95.960902222126.23521M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 2 Sep 1996, Theodore J. Katz wrote:

> I have been reading about acars w/aprs or APRSacars, Is there any info on
> have this is setup?.
> I have a PK900, aprs76f and a radio that can recieve 131.55 AM.
> The PK900 does have software the will run acars.

APRSdos REPLY/COMMENT: Read ACARS.txt. You must run APRSair.exe and I cant remember what you have to have registered or not.. It should be in that file... Be sure to tell the TNC to pass along the data RAW to APRS...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Mon Sep 02 21:28:56 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA19280 for <aprssig@tapr.org>; Mon, 2 Sep 1996 21:28:54 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id WAA24329 for <aprssig@tapr.org>; Mon, 2 Sep 1996 22:33:54 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 2 Sep 1996 22:33:54 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org

Subject: Re: [APRSSIG:4293] Uplinking hurricane info
In-Reply-To: <199609021605.JAA01976@dfw-ix11.ix.netcom.com>
Message-ID: <Pine.GSO.3.95.960902223032.23521O-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 2 Sep 1996, Don Murray wrote:

> this.. Is it ok to uplink this kind of weather information if a station
> like me does not see in already on their APRS maps..

APRSdos REPLY/COMMENT: Seems to me that that is exactly what APRS is
deisgned for. As soon as organized SKYWARN nets come up, they can set the
better local rules, but it seems you are fulfilling the true sense of ham
radio by posting your info voluntarily. Only caution would be to not
send such info beyond two WIDES tho. SInce you will typically see only
stations out 2 WIDES, you should not QRM stations beyond that range...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Mon Sep 02 21:35:24 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA19696 for <aprssig@tapr.org>; Mon, 2
Sep 1996 21:35:23 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id WAA24411 for <aprssig@tapr.org>; Mon, 2 Sep 1996
22:40:22 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 2 Sep 1996 22:40:22 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4301] APRS 7.7
In-Reply-To: <322B711D.75B0@nbn.net>
Message-ID: <Pine.GSO.3.95.960902223934.23521P-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 2 Sep 1996, Gary Wells wrote:

> First, I am using it with a Davis Weather Monitor II. Several times,
> when I have quit APRS, and then gone back, APRS can not find the weather
> station. It diaplays the Getting WX Station Data message, and locks up
> TIGHT. Rebooting does not help. The only way I have found to get APRS
> to find the WX station again is to reboot, start Weather Link software,
> access the WX station, quit Weather Link, and then start APRS.

APRSdos REPLY/COMMENT: ANyone else have this problem? What is solution?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From mbary@nmaa.org Mon Sep 02 22:35:28 1996
Received: from mail.nmaa.org (mail.nmaa.org [204.91.49.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA23492 for <aprssig@tapr.org>; Mon, 2 Sep 1996
22:35:22 -0500 (CDT)
Received: from ppp97.nmaa.org ([204.91.49.97]) by mail.nmaa.org
          (post.office MTA v1.9.1 ID# 0-11620) with SMTP id AAA139
          for <aprssig@tapr.org>; Mon, 2 Sep 1996 23:38:15 -0400
Message-ID: <322BD124.19BB@nmaa.org>
Date: Mon, 02 Sep 1996 23:33:08 -0700
From: mbary@nmaa.org (Mark L. Bary)
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4293] Uplinking hurricane info
References: <199609021605.JAA01976@dfw-ix11.ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don Murray wrote:

> As I stated in a previous message, there are currently only two stations
> operating aprs in the local Savannah area.. I am working hard to get more
> people up and running with APRS. One of the ways I have been doing this is
> to uplink the recent hurricane reports every six hours of so thruout the
> time that the hurricanes are a threat to the east coast.. Am I screwing up
> something by doing this.. I have recieved no complaints from anyone, but
> this could be beacause there is nor near enough to be bother by me doing
> this..   Is it ok to uplink this kind of weather information if a station
> like me does not see in already on their APRS maps..
> Don
> AE4BR WxStat, Port Wentworth, Ga.

Don,

This is one of the kinds of things for which APRS was originally
intended!

Keep it up!

About the only time it may not be a good idea is if the item you're
tracking is not of general concern to your area and there is something
else going on of greater interest like a marathon or such, which is
being supported in some way by APRS. In which case the additional
channel load may not be appreciated.

73,

Mark
N4EOC
Germantown, MD

From mbary@nmaa.org Mon Sep 02 22:46:32 1996
Received: from mail.nmaa.org (mail.nmaa.org [204.91.49.10]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id WAA23878 for <aprssig@tapr.org>; Mon, 2 Sep 1996 22:46:30 -0500 (CDT)
Received: from ppp97.nmaa.org ([204.91.49.97]) by mail.nmaa.org
          (post.office MTA v1.9.1 ID# 0-11620) with SMTP id AAA133
          for <aprssig@tapr.org>; Mon, 2 Sep 1996 23:49:37 -0400
Message-ID: <322BD3CE.5A93@nmaa.org>
Date: Mon, 02 Sep 1996 23:44:30 -0700
From: mbary@nmaa.org (Mark L. Bary)
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: [Fwd: Re: [APRSSIG:4237] SIG Sensory Overload, Solar Panel Battery Charging Questions]
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

First time I sent this it got bounced back for some reason, so I'm reposting it.

Mark L. Bary wrote:
>
> David Barrett wrote:
>
> --lots of snipping--
>
> >   Now to my question! I have a Solarex SX-10 solar panel that I
> > believe provides 5 watts at 13.8 volts. I'm in need of a curcuit that will
> > allow me to charge a Gel Cell battery with out frying the battery. I know
> > the curcuit componet values will depend on the amp rating of the Gel Cell I
> > use. What I plan on doing is mounting an HTX-202, KPC-3, power distribution
> > block and U2000 WX in a Hoffman SS NMEA 4 Box. The box will then be mounted
> > along with the solar panel on a 150' water tower along with an Antenna
> > Specialist 4 element Collinear antenna with East West lobes.
> >   If anyone has any experience in this type of installation or just
> > with the Solar Panel stuff, I'd love to hear from you. No matter what
> > anyones say's or what ever type of language they use concerning this SIG; I
> > find it to be a great source of innovation and inspiration.
>
> --more snipping--
>
> David,
>
> Check out the article in the September QST entitled "The Micro M - a Miniature Charge
> Controller" on page 41. This may just be exactly what you're looking for: "a small
> charge controller using a single power MOSFET as a series switch. It can handle up to
> 2A of array current and is protected against overvoltage and reverse polarity."
>
> In fact, this may be just the ticket to providing emergency power backup to WIDE digi's
> in lots of different kinds of installations!

>
> 73,
>
> Mark
> N4EOC
> Germantown, MD

From wo0e@sky.net Mon Sep 02 23:00:10 1996
Received: from sky.net (wo0e@SOLAR.SKY.NET [198.70.175.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA24603 for <aprssig@tapr.org>; Mon, 2 Sep 1996
23:00:08 -0500 (CDT)
Received: from localhost (wo0e@localhost) by sky.net (8.7.3/8.7.3) with SMTP id
XAA22153 for <aprssig@tapr.org>; Mon, 2 Sep 1996 23:00:05 -0500 (CDT)
Date: Mon, 2 Sep 1996 23:00:05 -0500 (CDT)
From: Bill Lefler <wo0e@sky.net>
To: aprssig@tapr.org
Subject: Toshiba 1910 Laptops???
In-Reply-To: <Pine.GSO.3.95.960902223934.23521P-100000@arctic>
Message-ID: <Pine.GSO.3.93.960902225052.17737B-100000@sky.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Has anyone had problems with the Toshiba Satellite T1910 Laptop in HSP
mode? I have been pulling my hair out trying to figure out what I did
wrong on the HSP circuit (Come on! It's only TWO transistors!!! :-)) when
I discovered that it was the laptop that was causing my problems. The
Toshiba would toggle the DTR low, but eventually it would not recover. The
DTR line stayed low. It would stay this way until I opened the data path
from the GPS RX (For info, I am using a KPC-3, a Garmin 45XL, and the
aforementioned Toshiba. I tried version 7.5C, and then version
7.6fDosAPRS). I hooked up another laptop, an older Dell and it works just
fine, with only an occational "I/O Gltich while toggling NEMA" message.
     I should mention that I am a total "Newbee" to APRS. I am hooked,
and we are using it on the local MS-150 bike tour next weekend (9/7-8). I
am trying to get all the bugs out of the system, and since the Toshiba is
a faster computer I would rather use it. Any suggestions?
BCNU Lef

****
wo0e@sky.net - Bill Lefler - Kansas City KS
Amateur Radio - WO0E (Dub-Yo-Zeree)
"Life is a Reach! Sheet in and Hike Hard!"
****

From ku0g@sprynet.com Mon Sep 02 23:43:53 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id XAA27649 for <aprssig@tapr.org>; Mon, 2 Sep 1996
23:43:50 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.233.238] (hd42-238.compuserve.com [199.174.233.238]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id VAA10510 for <aprssig@tapr.org>; Mon,
2 Sep 1996 21:41:06 -0700
Date: Mon, 2 Sep 1996 21:41:06 -0700

Message-Id: <199609030441.VAA10510@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Too much time on my hands....
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.21

Had a MOST enjoyable lunch with KB9LBU and WA9FFL in Rochelle, Illinois, Monday afternoon as I departed Chicago for Kansas City...It occured to me that meeting face-to-face is good for all of us....

Then, a bolt from the blue (actually a smack from Karla!) gave me an idea....

Wouldn't a NATIONAL APRS GATHERING be a NEAT event???? I'll even go so far as to say that the Kansas City APRS Working Group would be willing to host such an event. There is certainly an ample supply of hotel/motel space with meeting rooms here, not to mention a fairly mature APRS network operating.

We could set up over a three-day weekend, I'd suggest, and bring in Bob and the Sproul Brothers, surely we could get the usual support from the various APRS-affiliated suppliers like PacComm, Kantronics, Garmin (I can pretty well guarantee and BIG Garmin presence if we did it here) and others...

Anybody have any comments?

So what do you think? Kansas City, BBQ, APRS all at once? Only way it could get any better is if the beer was free!!!

Comments welcome!!!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From james-m@ix.netcom.com Tue Sep 03 00:42:33 1996
Received: from dfw-ix5.ix.netcom.com (dfw-ix5.ix.netcom.com [206.214.98.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA05551 for <aprssig@tapr.org>; Tue, 3 Sep 1996 00:42:32 -0500 (CDT)
Received: from #james-m (sav-ga1-21.ix.netcom.com [205.184.8.53]) by dfw-ix5.ix.netcom.com (8.6.13/8.6.12) with ESMTP id WAA03360 for <aprssig@tapr.org>; Mon, 2 Sep 1996 22:42:16 -0700
Message-Id: <199609030542.WAA03360@dfw-ix5.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4307] Re: Uplinking hurricane info
Date: Tue, 3 Sep 1996 01:39:25 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Thanks Bob and everyone else that responded to my request for information, based on what has been said, I will keep it up then... Hopefully we will be getting Aprs up and going strong in the Savannah area shortly..

Again thanks for the info

Don
AE4BR

> From: Bob Bruninga <bruninga@nadn.navy.mil>
> To: aprssig@tapr.org
> Subject: [APRSSIG:4307] Re: Uplinking hurricane info
> Date: Monday, September 02, 1996 10:45 PM
>
> On Mon, 2 Sep 1996, Don Murray wrote:
>
> > this.. Is it ok to uplink this kind of weather information if a station
> > like me does not see in already on their APRS maps..
>
> APRSdos REPLY/COMMENT: Seems to me that that is exactly what APRS is
> deisgned for. As soon as organized SKYWARN nets come up, they can set the
> better local rules, but it seems you are fulfilling the true sense of ham
> radio by posting your info voluntarily. Only caution would be to not
> send such info beyond two WIDES tho. SInce you will typically see only
> stations out 2 WIDES, you should not QRM stations beyond that range...
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>

From wmn3@dfw.net Tue Sep 03 00:49:52 1996
Received: from dfw.dfw.net (root@dfw.dfw.net [198.175.15.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA05977 for <aprssig@tapr.org>; Tue, 3 Sep 1996 00:49:51 -0500 (CDT)
Received: from dfw.net (PPP9.fortworth.dfw.net) by dfw.dfw.net (4.1/SMI-4.1)
id AA15098; Tue, 3 Sep 96 00:48:57 CDT
Message-Id: <9609030548.AA15098@dfw.dfw.net>
From: "Bill Neal/N0NSA" <wmn3@dfw.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4312] Too much time on my hands....
Date: Tue, 3 Sep 1996 00:45:56 -0500
X-Msmail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: ku0g@sprynet.com
> To: aprssig@tapr.org
> Subject: [APRSSIG:4312] Too much time on my hands....
> Date: 2 September 1996 23:54

---SNIP!!!
> So what do you think? Kansas City, BBQ, APRS all at once? Only way it could get
> any better is if the beer was free!!!
>
> Comments welcome!!!
>
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com

Someone say free Beer?!
Cheers, Bill Neal
http://www.dfw.net/~wmn3/

From rsellers@firecraker.com Tue Sep 03 00:55:19 1996
Received: from email.firecraker.com (email.firecraker.com [206.101.246.91]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA06064 for <aprssig@tapr.org>; Tue, 3 Sep 1996 00:55:17 -0500 (CDT)
Received: from RSELLERS (206.101.246.124) by email.firecraker.com
 with SMTP (Apple Internet Mail Server 1.1.1); Tue, 3 Sep 1996 00:55:14 -0600
X-Sender: rsellers@email.firecraker.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4310] [Fwd: Re: SIG Sensory Overload, Solar Panel Battery Charging Questions]
Date: Tue, 3 Sep 1996 00:55:14 -0600
Message-ID: <1370410382-4096663@email.firecraker.com>

>First time I sent this it got bounced back for some reason, so I'm reposting it.
>
>Mark L. Bary wrote:
>> David Barrett wrote:
>> --lots of snipping--
>> >   Now to my question! I have a Solarex SX-10 solar panel that I
>> > believe provides 5 watts at 13.8 volts. I'm in need of a curcuit that will
>> > allow me to charge a Gel Cell battery with out frying the battery. I know
>> > the curcuit componet values will depend on the amp rating of the Gel Cell I
>> > use. What I plan on doing is mounting an HTX-202, KPC-3, power distribution

>> > block and U2000 WX in a Hoffman SS NMEA 4 Box. The box will then be mounted
>> > along with the solar panel on a 150' water tower along with an Antenna
>> > Specialist 4 element Collinear antenna with East West lobes.
>> --more snipping--
>>

Mine got bounced back too.. hum..

73,
Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@firecraker.com
E-Mail Work: rsellers@snds.com

From kf4dys@juno.com Tue Sep 03 00:58:21 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA06127 for <aprssig@tapr.org>; Tue, 3
Sep 1996 00:58:20 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
     id BAA09764; Tue, 03 Sep 1996 01:58:11 EDT
To: aprssig@tapr.org
Date: Tue, 3 Sep 1996 00:26:13 PST
Subject: Mouse problem
Message-ID: <19960903.005256.7663.0.kf4dys@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-1,4-5,8-11,13-15,17,19-22,24-28,30-31,33-34,37-38,
     41-44,46,49-50,52-54,56,59-60,63-64,66-69
From: kf4dys@juno.com (Joe Foor)

Hi Bob;

I realize you probably are getting tired of hearing about the mouse
problem, but here are a couple of additional details, that I haven't
seen mentioned.

When the left mouse button quit working, this time, I examined the
symptoms and discovered that the left mouse button is still selecting
the zoom factor.

Normally, the steps to zoom the map are:
1) place the curser where you want the center of the display to be.
2) click the right mouse button (selecting the lat/lon for the new center
point)
3) the zoom factor window appears
4) place the curser on the desired zoom factor
5) click the left mouse button (selecting the zoom factor and initiating
the map re-draw)
6) the map re-draws with the selected point at the center of the display
and at the new scale

When the mouse left button "fails", this is the required procedure:
1) place the curser where you want the center of the display to be
2) click the right mouse button (selecting the lat/lon for the new center

point)
3) the zoom factor window appears
4) place the curser on the desired zoom factor
5) click the left mouse button (selecting the zoom factor)
6) strike the space bar to initiate the map re-draw
7) the map re-draws with the selected point at the center of the display
and at the new scale

If, in the second procedure, you omit step 5, the map re-draws at the
original scale, with the new point in the center of the display.

Since the left mouse button is still working to select the zoom factor,
apparently APRS is still recognizing the left button, just not
performing all the required functions.

Also, when removing callsigns from the (H)eard, (L)ast and (P)osition
lists, the left mouse button must still be used, even after it has
supposedly "failed".

To remove a callsign from the (P)osition list, normally:
1) place the curser on the callsign to be removed
2) click the left mouse button (selecting the callsign, hooking the
callsign and bringing up the hooked commands menu)
3) strike (D)elete on the keyboard (rewriting the list, with all the
callsigns below the selected callsign moved up one line, overwriting the
selected callsign)

To remove a callsign from the (P)osition list after the left mouse button
has "failed":
1) place the curser on the callsign to be removed
2) click the left mouse button (selecting the callsign)
3) strike the <enter> key (hooking the callsign and bringing up the
hooked commands menu)
4) strike (D)elete on the keyboard (rewriting the list, with all the
callsigns below the selected callsign, moved up one line, overwriting
the selected callsign)

If, in the second procedure, you omit step 2, the response is "NOTHING
FOUND", just as if you had attempted to hook a location on a map, where
there was no station.

Again, APRS is apparently recognizing that the left mouse button has been
clicked, it is just not performing all the required functions.

regards,
Joe

From rsellers@firecraker.com Tue Sep 03 01:04:42 1996
Received: from email.firecraker.com (email.firecraker.com [206.101.246.91]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA06457 for <aprssig@tapr.org>; Tue, 3
Sep 1996 01:04:40 -0500 (CDT)
Received: from RSELLERS (206.101.246.124) by email.firecraker.com
 with SMTP (Apple Internet Mail Server 1.1.1); Tue, 3 Sep 1996 01:04:38 -0600

X-Sender: rsellers@email.firecracker.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecracker.com (Roger Sellers)
Subject: Re: [APRSSIG:4312] Too much time on my hands....
Date: Tue, 3 Sep 1996 01:04:38 -0600
Message-ID: <1370409818-4130617@email.firecraker.com>

>Had a MOST enjoyable lunch with KB9LBU and WA9FFL in Rochelle, Illinois,
Monday
>afternoon as I departed Chicago for Kansas City...It occured to me that
meeting
>face-to-face is good for all of us....

  Paul and I enjoyed the lunch with you and your wife. Glad we could use APRS to monitor your route and do an APRS co-ordination with you on the highway. Getting a chance to meet the faces behind the call signs both here on the SIG and on APRS is great.

>
>Then, a bolt from the blue (actually a smack from Karla!) gave me an idea....
>
>Wouldn't a NATIONAL APRS GATHERING be a NEAT event???? I'll even go so far as
>to say that the Kansas City APRS Working Group would be willing to host
such an
>event. There is certainly an ample supply of hotel/motel space with meeting
>rooms here, not to mention a fairly mature APRS network operating.
>
>We could set up over a three-day weekend, I'd suggest, and bring in Bob and
the
>Sproul Brothers, surely we could get the usual support from the various
>APRS-affiliated suppliers like PacComm, Kantronics, Garmin (I can pretty well
>guarantee and BIG Garmin presence if we did it here) and others...
>
>Anybody have any comments?
>
 It sounds interesting, but is there enough interest?
   If not, co-ordinating with another major event would work as well. For example, The ARRL convention at Peoria Superfest in Peoria, Il. I understand Bob is a speaker there, Maybe the Sproul's will be there, as well as Joe Agrelo.
  By combining functions, we might see more exposure, have more people there, and make the trips more worthwhile. Sorta like a late summer Dayton.
  This was just a thought... I like the idae though.

73,
Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@firecraker.com
E-Mail Work: rsellers@snds.com

From N2ZRC@gnn.com Tue Sep 03 01:31:40 1996

Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA07441 for
<aprssig@tapr.org>; Tue, 3 Sep 1996 01:31:37 -0500 (CDT)
Received: from 8-205.client.gnn.com. (8-205.client.gnn.com [205.188.8.205]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id CAA30222 for
<aprssig@tapr.org>; Tue, 3 Sep 1996 02:30:57 -0400 (EDT)
Message-Id: <199609030630.CAA30222@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 03 Sep 1996 02:30:44
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: NY<>DC Road Trip

Hi All,

In preparation for my trip, I've collected the following repeaters, grouped in order of the southbound leg. If you can, could you please update this (ie: pl, machine's long dead, new ones, etc.) Again, the projected route is via I-95 to the beltway, or one of the parallel roads (US-130, US-1, US-40 etc)

Although this isn't strictly APRS-related, I beg the SIGs indulgence, since I WILL have APRS with me running on the laptop. Thanks.

New Jersey

New Brunswick				440.800	445.800	141.3
Jamesburg	145.230	144.630				
Cream Ridge	147.240	147.840	131.8			
Mount Holly	147.150	147.750	_____			
Camden	146.820	146.220				
Pennsville	146.625	146.225		442.950	447.950	131.8
Cherry Hill	146.760	146.060				
Cherry Hill				444.900	449.900	131.8

Delaware

Claymont			444.950	449.950	
Wilmington	146.730	146.030	443.700	448.700	
Wilmington	146.955	146.255	448.375	443.375	
Wilmington	147.225	147.825	448.825	443.825	
Newark	146.700	146.100			

Maryland

Elkton	145.190	144.590	162.2	442.750	447.750	156.7
Havre de Grace	146.850	146.250		443.100	448.100	
Churchville	147.120	147.720				
Cockeysville	146.220	146.820	107.2			
Bel Air				449.775	444.775	
Baltimore	145.130	144.530		443.200	448.200	
Baltimore	146.670	146.070		443.350	448.350	

```
Baltimore     147.030 147.630         443.400 448.400
Baltimore     147.135 147.735         443.550 448.550
Baltimore     147.240 147.840         443.700 448.700
Baltimore     147.285 147.885         448.075 443.075
Baltimore     147.390 147.990         448.975 443.975
Baltimore                              449.075 444.075
Baltimore                              449.325 444.325
Baltimore                              449.575 444.575
Baltimore                              449.625 444.625
Hanover        147.335 147.935
Lutherville    146.895 146.295
Jessup        146.760 146.060         444.000 449.000
Millersville   146.805 146.205         449.125 444.125
Millersville   147.075 147.675
Ellicott City  147.390 147.990         449.525 444.525
Columbia      147.135 147.735         448.275 443.275
College Park   145.490 144.890
Greenbelt     146.835 146.235
Greenbelt     146.880 146.280
New Carrollton    145.230 144.830 110.9
Adelphi       145.370 144.770
Ashton        147.000 147.600
Rockville     145.250 144.650         443.900 448.900
Rockville      145.450 144.850
Rockville      146.955 146.255
Silver Spring 147.180 147.680         443.450 448.450 156.7
Silver Spring 147.225 147.825 156.7   449.025 444.025 156.7
Bethesda       145.290 144.690         447.925 442.925
Potomac        147.270 147.870
Cheverly       146.610 146.010
D. C.          145.110 144.510         442.650 447.650
D. C.          146.760 146.060         444.650 449.650 114.8
D. C.          147.360 147.960         448.575 443.575
D. C.                                  448.875 443.875
D. C.                                  449.975 443.975
```


Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)

From kheyboer@pinegov.co.pinellas.fl.us Tue Sep 03 04:38:44 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id EAA14086 for <aprssig@tapr.org>; Tue, 3 Sep 1996
04:38:42 -0500 (CDT)
Received: from none.compuserve.com by pinegov (SMI-8.6/SMI-SVR4)
    id AAA19735; Tue, 3 Sep 1996 00:37:11 -0400
Message-ID: <322BFCE1.76F4@co.pinellas.fl.us>
Date: Tue, 03 Sep 1996 05:39:45 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
X-Mailer: Mozilla 3.0b5aGold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org

Subject: Re: [APRSSIG:4308] Re: APRS 7.7
References: <Pine.GSO.3.95.960902223934.23521P-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>
> On Mon, 2 Sep 1996, Gary Wells wrote:
>
> > First, I am using it with a Davis Weather Monitor II. Several times,
> > when I have quit APRS, and then gone back, APRS can not find the weather
> > station. It diaplays the Getting WX Station Data message, and locks up
> > TIGHT. Rebooting does not help. The only way I have found to get APRS
> > to find the WX station again is to reboot, start Weather Link software,
> > access the WX station, quit Weather Link, and then start APRS.
>
> APRSdos REPLY/COMMENT: ANyone else have this problem? What is solution?
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
I have the same problem when running Win95...if I access my com3 port
which has a shared interrupt with my com1 port...so the question is....

Gary...do you have more than two com ports and if so, are you sharing
the same interrupt for one pair....ie: IRQ4 on com1 and com3?

I should note, however, that I can solve the problem by doing the
windows warm startup...ctl-alt-del, ending the task, and then
restarting the program, without having to do a cold start or running
PC-Link.

PS: Bob, I presume you are fixing the fade to gray problem for dvs
wx stations which showed up again....it seems to be generated in the
time routine....when I boot up, I am in 2*HF mode...even when I switch
to VHF only....the time stamp is keeping the z at the end...ie:

I boot up at 1600z in 2*HF mode, then I switch to VHF only, and the time
stamp changes to 1200z...instead of just 1200.
--
****
From: Kevin Heyboer   E-mail:kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail: KD4UYR @W4DPH.#CLW.FL.US
Assistant Emergency Coordinator and SKYWARN Coordinator
Greater Pinellas County (St Petersburg/Clearwater) Florida
****

From largriff@swta.com Tue Sep 03 05:18:46 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id FAA15413 for <aprssig@tapr.org>; Tue, 3 Sep 1996
05:18:45 -0500 (CDT)
Received: from red166.onramp.net (red166.onramp.net [206.104.118.166]) by
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id FAA27777 for <aprssig@tapr.org>;
Tue, 3 Sep 1996 05:18:43 -0500 (CDT)

Received: by red166.onramp.net with Microsoft Mail
     id <01BB9957.57D06420@red166.onramp.net>; Tue, 3 Sep 1996 05:18:29 -0500
Message-ID: <01BB9957.57D06420@red166.onramp.net>
From: Larry Griffin <largriff@swta.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:4312] Too much time on my hands....
Date: Tue, 3 Sep 1996 05:18:28 -0500
Encoding: 11 TEXT, 32 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

ku0g wrote:

Wouldn't a NATIONAL APRS GATHERING be a NEAT event???? I'll even go so far as to say that the Kansas City APRS Working Group would be willing to host such an event.

Sounds like a great idea!

Larry


```
begin 600 WINMAIL.DAT
M>)\^(AX*`0:0" `$``````!``$``0>0!@`(````Y 0```````#H``$-@ 0`
M`@````(``@`!!) &``P!```!````# ````,``# #`````"P`/#@`````"`?\/
M`0```#\``````````@2L?I+ZC$!F=;@#=`0]4`@````!A<')S<VEG0'1A<'(N
M;W)G`%--5% `87!R<W-I9T!T87!R+F]R9P``'@`", $```%````4TU44 ``
M```>``,P`0```!$```!A<')S<VEG0'1A<'(N;W)G``````,`%0P!`````P#^
M#P8````>``$P`0```!,````G87!R<W-I9T!T87!R+F]R9R<```(!"S !`````
M%@```%--5% Z05!24U-)1T!405!2+D]21P````,``#D`````"P! .@$````"
M`?8/`0````0````````#$RX!"( ``!@```!)4$TN36EC<F]S;V9T($UA:6PN
M3F]T90`Q" $$@ $`,0```%)%.B!;05!24U-)1SHT,S$R72!4;V\@;75C:"!T
M:6UE(&]N(&UY(&AA;F1S+BXN+@"=#@$%@ ,`#@```,P'"0`#``4`$@`<``(`
M% $!(( #``X```#,!PD``P`%`! `*P`"`"$!`0F `0`A````1D)"-30V,#<P
M13 U1# Q,3@Q-#<T-#0U-3,U-# P,# `M@8!`Y &``0#```2````"P`C`````
M```#`"8``````L`*0``````P`V``````! `#D`0'^A/X&9NP$>`' ``0``
M`#$```!213H@6T%04E-324<Z-#,Q,ET@5&]O(&UU8V@@=&EM92!O;B!M>2!H
M86YD<RXN+BX``````@%Q``$````6`````;N9@3^9!T:U_ 4.$="!1T1%4U0`
M`````'@`># $````%````4TU44 `````>`!\,`0```!(```!L87)G<FEF9D!S
M=W1A+F-O;0````,`!A#*W"S]`P`'$+ ````>``@0`0```&4```!+53!'5U)/
M5$4Z5T]53$1.5$%.051)3TY!3$%04E-'051(15))3D="14%.14%4159%3E0_
M/S\_24Q,159%3D=/4T]&05)!4U1/4T%95$A!5%1(14M!3E-!4T-)5%E!4%)3
M5T]2``````(!"1 !````;P$``&L!``!T`@``3%I&=;YP&AK_``H!#P(5`J@%
MZP*#`% "\@D"`&-H"L!S970R-P8`!L,"@S(#Q0(`<')"<1'B<W1E;0*#,[<2
MS <3`H,T`N0517T*@#\(SPG9`H *@0VQ"V!N9W@Q,#,44 L*%%(!T"# :W4P
M9R!W`V 3T'XZ"H<+9!7A"_(34!MA8\,%0 J+;&DS-ASA'#^%'4)7"&!L9&XG
M!4!"80>P051)3R# 3"D5,%!2!?!'(-!(18!224Y'(&)E()(B12#0(&5V"?!T
M/\$C,2 @22=L`R BXJ @9V\@<R1 9@K!EF$$( J%="1!87DE8&\1@ 5 )> B
M4$L`<2310YQI="7 (5,@$')K"X#E&R!``V!U<!LP("(B,L\#\".P)\(E<6AO
M$\ D4/YU$7 @D .@'8\>GQT5(N-N+AH-"H4*A2TO."Y<4]D(8&YD!" K0&LB
M4@G!I28!:0VP82$N7$P*P"QR>0J%%L$`-# ``P`0$ `````#`!$0`````$ `
L!S#@.40!@9F[`4 `"##@.40!@9F[`1X`/0`!````!0```%)%.B `````#,$`
`
```

end

From wa8inz@cris.com Tue Sep 03 05:27:32 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id FAA15592 for <aprssig@tapr.org>; Tue, 3 Sep 1996
05:27:30 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by franklin.cris.com (8.7.5/(96/09/02 2.52))
     id GAA12690; Tue, 3 Sep 1996 06:27:22 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc000026.concentric.net [206.173.121.26])
     by cliff.cris.com (8.7.5)
     id GAA09739; Tue, 3 Sep 1996 06:26:51 -0400 (EDT)
Message-ID: <322C2405.70A5@cris.com>
Date: Tue, 03 Sep 1996 05:26:45 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4295] Re: Addresses
References: <199609021640.MAA15103@mail-e2b-service.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arte Booten wrote:
>
> Hi Bill & the SIG,
>
> On Mon, 2 Sep you wrote:
>
>   GREAT idea, Bill! Count me in! As they say, "The More,
> The Merrier."
>
>   Here's another idea which I often implement (and I must
> admit I learned from Keith S.): When you see a new station on
> the screen (ie: one you KNOW is new to APRS,) Send 'em two one-
> liners welcoming them and offering help. What I usually do is:
>
>   "Hi de Arte & Welcome to APRS! Questions? ASK!"
>
>   "To reply press SN2ZRC <cr>, type msg & <cr>"
>
> I'd say that 8 out of 10 take me up on it and STICK with APRS
> for more than just the few minutes or hours that those with no
> clue on how to operate the system do.
>
>   So, if you have the time and inclination, a little on-the-
> air elmering can go a long way. Next time you see an APRS new-
> bie appear on the map, see if you can lend a hand. Remember
> when you first got started with APRS? How confusing, daunting
> and disappointing it was? Particularly with APRSDos, with all

> its nested menus and keystrokes? "If you elmer then, they will
> stay!" 8-{) 73
>

You are so right Art, and i follow that to the letter. Thanks

--
   Check out my APRS Web Page.
    Totally Devoted to APRS

http://www.concentric.net/~wa8inz



Bill WA8INZ
wa8inz@cris.com
wa8inz@amsat.org

From wa8inz@cris.com Tue Sep 03 06:25:59 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id GAA17813 for <aprssig@tapr.org>; Tue, 3 Sep 1996
06:25:58 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by franklin.cris.com (8.7.5/(96/09/02 2.52))
     id HAA18366; Tue, 3 Sep 1996 07:25:29 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc000031.concentric.net [206.173.121.31])
     by cliff.cris.com (8.7.5)
     id HAA13335; Tue, 3 Sep 1996 07:25:02 -0400 (EDT)
Message-ID: <322C31A8.1FA4@cris.com>
Date: Tue, 03 Sep 1996 06:24:56 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: NDN: [APRSSIG:4255] Re: Yet another home page-
References: <-1370428477.ensmtp@teachnet.edb.utexas.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mailer-Daemon wrote:
>
> Sorry. Your message could not be delivered to:
>
> aprs sig (The name was not found at the remote site. Check that the name has
> been entered correctly.)
>
> --
>
> -=-

> TeachNet, College of Education, University of Texas, Austin Texas
> -=-

Anyone have any idea why i keep getting this message, already received
this 3 times this morning.

--
   Check out my APRS Web Page.
    Totally Devoted to APRS

http://www.concentric.net/~wa8inz



Bill WA8INZ
wa8inz@cris.com
wa8inz@amsat.org

From wa8inz@cris.com Tue Sep 03 06:53:50 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id GAA19008 for <aprssig@tapr.org>; Tue, 3 Sep 1996
06:53:49 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by franklin.cris.com (8.7.5/(96/09/02 2.52))
     id HAA05568; Tue, 3 Sep 1996 07:52:45 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc000031.concentric.net [206.173.121.31])
     by cliff.cris.com (8.7.5)
     id HAA15656; Tue, 3 Sep 1996 07:52:30 -0400 (EDT)
Message-ID: <322C381A.34A4@cris.com>
Date: Tue, 03 Sep 1996 06:52:26 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: NDN: [APRSSIG:4236] Re: DFjr connections with APRS (fwd)
References: <-1370428449.ensmtp@teachnet.edb.utexas.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mailer-Daemon <Mailer-Daemon@teachnet.edb.utexas.edu>
Mailer-Daemon wrote:
>
> Sorry. Your message could not be delivered to:
>
> aprs sig (The name was not found at the remote site. Check that the name has
> been entered correctly.)
>
> --
>

> -=-
> TeachNet, College of Education, University of Texas, Austin Texas
> -=-

Is anyone else getting these messages, this makes about a dozen this
morning (In 2 hours).

--
   Check out my APRS Web Page.
    Totally Devoted to APRS

http://www.concentric.net/~wa8inz

             \////
             (o o)
       --o00-(_)-00o--
          Bill WA8INZ
        wa8inz@cris.com
        wa8inz@amsat.org

From wa8inz@cris.com Tue Sep 03 06:54:23 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id GAA19074 for <aprssig@tapr.org>; Tue, 3 Sep 1996
06:54:20 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by franklin.cris.com (8.7.5/(96/09/02 2.52))
     id HAA06137; Tue, 3 Sep 1996 07:53:42 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc000031.concentric.net [206.173.121.31])
     by cliff.cris.com (8.7.5)
     id HAA15723; Tue, 3 Sep 1996 07:53:26 -0400 (EDT)
Message-ID: <322C3851.764E@cris.com>
Date: Tue, 03 Sep 1996 06:53:21 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Test Message
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Test message only (Sorry)
--
   Check out my APRS Web Page.
    Totally Devoted to APRS

http://www.concentric.net/~wa8inz

             \////
             (o o)
       --o00-(_)-00o--

Bill WA8INZ
wa8inz@cris.com
wa8inz@amsat.org

From jleonard@tbcnet.com Tue Sep 03 07:35:35 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA20475 for <aprssig@tapr.org>; Tue, 3 Sep 1996 07:35:33 -0500 (CDT)
Received: from PR142.tbcnet.com (PR142.tbcnet.com [207.112.227.42]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id HAA13746 for <aprssig@tapr.org>; Tue, 3 Sep 1996 07:35:32 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR142.tbcnet.com [207.112.227.42] didn't use HELO protocol
Message-Id: <1.5.4.32.19960903123514.006b9aa0@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 03 Sep 1996 07:35:14 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:4322] Re: NDN: Re: Yet another home page-

I think its a bounce from UTX. I also got two for two posts I sent.

jbl

(cheap, tacky ad follows):

SEE A *FREE* COMPARISON of how DosAPRS and WinAPRS display
a map made for Dos.

Go to http://tbcnet.com/~jleonard/n9vjq.htm

At 06:34 9/3/96 -0500, you wrote:
>Mailer-Daemon wrote:
>>
>> Sorry. Your message could not be delivered to:
>>
>> aprs sig (The name was not found at the remote site. Check that the name has
>> been entered correctly.)
>>
>> --
>>
>> -=-
>> TeachNet, College of Education, University of Texas, Austin Texas
>> -=-
>
>Anyone have any idea why i keep getting this message, already received

>this 3 times this morning.
>
>--
>   Check out my APRS Web Page.
>   Totally Devoted to APRS
>
>http://www.concentric.net/~wa8inz
>
>   \////
>   (o o)
>   *--o00-(_)-00o--*
>   Bill WA8INZ
>   wa8inz@cris.com
>   wa8inz@amsat.org
>

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
American Red Cross Disaster Services - DeKalb Co Chapter
DR444 DR157

From cn2859@coastalnet.com Tue Sep 03 07:41:31 1996
Received: from abaco.coastalnet.com (abaco.coastalnet.com [204.183.40.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA20550 for <aprssig@tapr.org>; Tue, 3
Sep 1996 07:41:29 -0500 (CDT)
Received: from cn2859 (pm-wsh1-48.coastalnet.com [205.245.121.48]) by
abaco.coastalnet.com (8.6.12/8.6.12) with SMTP id IAA01010; Tue, 3 Sep 1996
08:39:48 -0400
Message-Id: <1.5.4.32.19960903124125.0067c264@abaco.coastalnet.com>
X-Sender: cn2859@abaco.coastalnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 03 Sep 1996 08:41:25 -0400
To: bitbucket@primenet.com
From: "David Michael Gaytko   ***@***   WD4KPD/FM15mm" <cn2859@coastalnet.com>
Subject: 6m grids needed
Cc: aprssig@tapr.org

need the following grids on 6m. can work scatter every am after 0830 eastern.

el79 em80 em87 em77 em68 fm99 fn01 fn30 fn40

7el and 150w.

tks . ... 73's

david

From cn2859@coastalnet.com Tue Sep 03 07:42:35 1996
Received: from abaco.coastalnet.com (abaco.coastalnet.com [204.183.40.2]) by

tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA20581 for <aprssig@tapr.org>; Tue, 3 Sep 1996 07:42:32 -0500 (CDT)
Received: from cn2859 (pm-wsh1-48.coastalnet.com [205.245.121.48]) by abaco.coastalnet.com (8.6.12/8.6.12) with SMTP id IAA01067; Tue, 3 Sep 1996 08:40:51 -0400
Message-Id: <1.5.4.32.19960903124228.006762e4@abaco.coastalnet.com>
X-Sender: cn2859@abaco.coastalnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 03 Sep 1996 08:42:28 -0400
To: aprssig@tapr.org
From: "David Michael Gaytko ***@*** WD4KPD/FM15mm" <cn2859@coastalnet.com>
Subject: 6m grids needed
Cc: bitbucket@primenet.com

need the following grids on 6m. can work scatter every am after 0830 eastern. also willing to run aprs meteor scatter.

el79 em80 em87 em77 em68 fm99 fn01 fn30 fn40

7el and 150w.

tks . ... 73's

david

From sproul@ap.org Tue Sep 03 08:15:56 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA22361 for <aprssig@tapr.org>; Tue, 3 Sep 1996 08:15:54 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id JAA16596; Tue, 3 Sep 1996 09:11:05 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007802ae51dbac28b9@[165.1.27.20]>
In-Reply-To: <2.2.32.19960831011240.006fcf04@mail.cyberstreet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 3 Sep 1996 09:00:26 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: What CD-ROM?
Cc: ronald@cyberstreet.com

>Mark - I'm new guy on block. What CD ROM? Please!!! ron/kd4ams
>73 cu Ron"KD4AMS"

We have a CD-ROM full of maps for use with MacAPRS and WinAPRS, over 500 meg of the 650 meg is Mac/WinAPRS format maps, this is our format whcih allows unlimited size maps. there is about 75 meg of dosAPRS maps and about 50 meg of misc docs and other stuff. The software is NOT on the CD-ROM.

We sell this cd for $25.00 plus $5.00 s/h, send your check or money order to

Mark Sproul
698 Magnolia Rd
No Brunswick, NJ 08902

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From gwyn@paccomm.com Tue Sep 03 08:36:18 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA23389 for <aprssig@tapr.org>; Tue, 3 Sep 1996
08:36:12 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp
(Smail3.1.29.1 #1) id m0uxveG-000FQLC; Tue, 3 Sep 96 09:36 EDT
Received: by gwyn.paccomm.com with Microsoft Mail
id <01BB997B.B82CEE00@gwyn.paccomm.com>; Tue, 3 Sep 1996 09:38:53 -0400
Message-ID: <01BB997B.B82CEE00@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:4274] Pico TNC-Help
Date: Tue, 3 Sep 1996 09:38:51 -0400
Encoding: 25 TEXT, 43 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

On Saturday, August 31, 1996 2:45 PM, Irvin Feldman[SMTP:irvinf@i1.net]
wrote:
>TNX for reading, not a packet guru. Pico inop with new firmware(pre-rel
>3.2.10 5/13/96). Reinstalled original and was to make two connects.
>Everything seems normal
>EXCEPT I cannot monitor any packet burst (on another rcvr) when the HT is
keyed.
>
>Anyone remember Gynn's E-mail address? gwynn@paccomm.com??
>
>TNX
>Irv Feldman
>N0NOB
>E-mail:irvinf@i1.net
>
>
>

Gwyn@paccomm.com (anything@paccomm.com works, where anything means
anything. Most usual problem with bounced mail is mis-spelling of paccomm,
like leaving out one c or one m)

Gwyn Reedy, W1BEL
PacComm Packet Radio Systems
http://www.paccomm.com

```
begin 600 WINMAIL.DAT
M>)\^(C4-`0:0" `$`````!``$``0>0!@`(````Y 0```````#H``$-@ 0`
M`@````(``@`!!) &``P!```!````# ````,``# #`````"P`/#@`````"`?\/
M`0```#\``````````@2L?I+ZC$!F=;@#=`0]4`@````!A<')S<VEG0'1A<'(N
M;W)G`%--5% `87!R<W-I9T!T87!R+F]R9P``@`", $````%````4TU44 ``
M```>``,P`0```!$```!A<')S<VEG0'1A<'(N;W)G``````,`%0P!`````P#^
M#P8````>``$P`0```!,````G87!R<W-I9T!T87!R+F]R9R<```(!"S !`````
M%@```%--5% Z05!24U-)1T!405!2+D]21P````,``#D`````"P! .@$````"
M`?8/`0````0````````#$RX!"( ``!@```!)4$TN36EC<F]S;V9T($UA:6PN
M3F]T90`Q" $$@ $`(0```%)%.B!;05!24U-)1SHT,C<T72!0:6-O(%1.0RU(
M96QP`#,)`06 `P`.````S <)``,`"0`F`#,``@!#`0$@@ ,`#@```,P'"0`#
M``D`)0`J``(`.0$!"8 !`"$`````P1#DS1#0W13-&,#)$,#$Q.#!$,S P-# P
M-3(Y0D-$-P#X!@$#D 8`W 0``!(````+`",```````,`)@``````"P`I````
M```#`#8``````$ `.0# )SL^G9F[`1X`< `!````(0```%)%.B!;05!24U-)
M1SHT,C<T72!0:6-O(%1.0RU(96QP``````(!<0`!````%@````&[F9T^*G[4
MDPX"/Q'0@-,`0 4IO-<``!X`'@P!````!0```%--5% ``````'@`?# $````1
M````9W=Y;D!P86-C;VUM+F-O;0`````#``80OZM8-0,`!Q P`@``'@`($ $`
M``!E````3TY305154D1!62Q!54=54U0S,2PQ.3DV,CHT-5!-+$E25DE.1D5,
M1$U!3E--5% Z25)624Y&0$DQ3D545U)/5$4Z5$Y81D]24D5!1$E.1RQ.3U1!
M4$%#2T541U5255!)0T])3@``````"`0D0`0```%8#``!2`P``^08``$Q:1G7P
M.86Y_P`*`0\"%0*H!>L"@P!0`O()`@!C: K <V5T,C<&``;#`H,R`\4"``!R
M0G$1XG-T96T"@S,W`N0'$P*#-!+,#]]F-5L2S!3(-A+'$74P%+9]%PJ ",\)
MV3L;?S$R..$<GV4R-34"@ J!#;'!"V!N9S$P,Q10"PK+%W(,`6,2H"!/`Z &
M$$)T"'!D87DL%+!U1&=U$\ @,S$B8#$`.3DV(#(Z-#6((%!-(F!)<G8+@" @
M1F5L9 .!6U,@3510.FDD(F9 $&DQ+FX1P%T@=^L#8!/0.@J$/@M&%6(A0Q<`
M4!-0)E%C!4!43EA.( (0!< ;@&%D"X!G12)@;B90(&$@"K!CBFL1P" BH')U
M+B/ 2FD%H" +@&]P)B!I+'1H*; 'T68E0&UW20K 92@34&4M&X!L&PJ$((\R
M)O\H"3,N,@(N'_ @-2\Q,R_M(U I*M '\&4+@!/ !T#*; F ( 6P:6<+@ =
MW2GP;C(@+& $('0K( # VRI0,T!W*R %H&XEX"B '',N+2\N/R]/($5V[020
M>2NP*7$@$; 3X 0@?RG +$ '0#2O-;\VSS?06/!#15!4) `T``!P*<)?!& #
M`#-0!< `<'DJ%F*["' BP2@"(#+!)E!H!)#A*2!C=G(I)B _H .@63^1($@\
MX 0`("I0>>\)@#2?.E\[;W1!GT*O0[__%+ ^( (@,[ ;@ > !M _L91'>30P
M)P0@12T`P%L#$2E09!N !! _,6!G&G=)$4 J(06@;6TN^4L1/S]$ST7?1N]+
MOTS/?TW?**).[T__40\D`B1F( ]27U-O5'\'L#!.3T+_5E]7;UA_264E/%GO
M6O]<#_]>;U]_8(]AGV*O8[]DQB!?NR%B"H5'2I%*VC%@*#X1QS@S:GLSX')K
M<R)@0$%_&X ^`C@T!X &(FMF*M!-]F\BP2*P=3*A*#$"8!/@XRN$!N!U;F,R
M$4F300&B;00`+7-P)(!L.%+\;V8J$DL2(F!R$#.A,@"V820Q<D%U!4!(,F,R
M,?ET(VTI"H1U*@LW&0(!T ]J(S%Q"8 B45<Q0D7Z3 JC4 #0"%!+,'B2*E*^
M4BE1*R 3I!,@"K)H`D"@<#HO+W=[("Y*Z05U1'U\@ ```P`0$ `````#`!$0
M`````$ `!S @(N(4G9F[`4 `"# @(N(4G9F[`1X`/0`!````!0```%)%.B `
%`````7%L`
`
end
```

From CHEAD@exame2.dseg.ti.com Tue Sep 03 09:07:08 1996
Received: from gatekeep.ti.com (news.ti.com [192.94.94.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA25055 for <aprssig@tapr.org>; Tue, 3 Sep 1996
09:07:04 -0500 (CDT)

Received: from lesol1.dseg.ti.com ([157.170.147.17]) by gatekeep.ti.com (8.6.13) with ESMTP id JAA18509 for <aprssig@tapr.org>; Tue, 3 Sep 1996 09:06:31 -0500
Received: from exame2.dseg.ti.com (EXAME2.dseg.ti.com [128.247.183.127]) by lesol1.dseg.ti.com (8.6.9/8.6.6) with SMTP id JAA28683 for <aprssig@tapr.org>; Tue, 3 Sep 1996 09:06:00 -0500
Date: Tue, 3 Sep 1996 9:06:34 -0500 (CDT)
From: Claude 995-5040 pager 4541 <CHEAD@exame2.dseg.ti.com>
To: aprssig@tapr.org
CC: CHEAD@exame2.dseg.ti.com
Message-Id: <960903090634.20417d35@exame2.dseg.ti.com>
Subject: RE: [APRSSIG:4312] Too much time on my hands....

Re: National APRS Meeting.

Sounds like a good idea to me. Kansas City is close enough to Dallas to make that feasible for me over a long weekend. Bet we could get a good group from Dallas to attend. Let's do it!

73 Claude Head
    K5DTN
    chead@exame2.dseg.ti.com

From dwittich@cris.com Tue Sep 03 09:11:32 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA25205 for <aprssig@tapr.org>; Tue, 3 Sep 1996 09:11:30 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by franklin.cris.com (8.7.5/(96/09/02 2.52))
     id KAA27273; Tue, 3 Sep 1996 10:11:26 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: dwittich@cris.com
Received: from witticd.USFG.COM (cnc041050.concentric.net [206.173.33.50])
     by cliff.cris.com (8.7.5)
     id WAA00172; Mon, 2 Sep 1996 22:25:38 -0400 (EDT)
Message-Id: <1.5.4.32.19960903022608.00688ec8@pop3.concentric.net>
X-Sender: dwittich@pop3.concentric.net
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 02 Sep 1996 22:26:08 -0400
To: aprssig@tapr.org
From: Doug Wittich <dwittich@cris.com>
Subject: Re: [APRSSIG:4294] NYC <>DC Mobile

>   Also, does anybody in the DC/Silver Spring area know of an
>NTS net? What time/frequency/PL? NTS traffic handling is ad-
>dictive, you know, and I'll need my fix! 73 & thanks to all.

Answer coming by email.   And look for my station on APRS, N3VEJ.

Doug

From bruninga@nadn.navy.mil Tue Sep 03 09:29:36 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA26318 for <aprssig@tapr.org>; Tue, 3
Sep 1996 09:29:34 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA11216 for <aprssig@tapr.org>; Tue, 3 Sep 1996
10:34:34 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 3 Sep 1996 10:34:34 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4312] Too much time on my hands....
In-Reply-To: <199609030441.VAA10510@m1.sprynet.com>
Message-ID: <Pine.GSO.3.95.960903103240.1216C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 2 Sep 1996 ku0g@sprynet.com wrote:

> Wouldn't a NATIONAL APRS GATHERING be a NEAT event????
> We could set up over a three-day weekend, I'd suggest, and bring in Bob
> and the Sproul Brothers, surely we could get the usual support from the
> ....
> Anybody have any comments?

APRSdos REPLY/COMMENT: Isnt it called Dayton?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From DNIELSON@novell.com Tue Sep 03 09:32:36 1996
Received: from novell.com ([151.155.174.10]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id JAA26458 for <aprssig@tapr.org>; Tue, 3 Sep 1996 09:32:34 -0500 (CDT)
Received: from INET-ORM-Message_Server by novell.com
     with Novell_GroupWise; Tue, 03 Sep 1996 08:32:44 -0600
Message-Id: <s22bed2c.070@novell.com>
X-Mailer: Novell GroupWise 4.1
Date: Tue, 03 Sep 1996 08:32:28 -0600
From: Doug Nielson <DNIELSON@novell.com>
To: aprssig@tapr.org
Subject: [APRSSIG:4290] Re: APRS at 30,000 ft on an L-1011 -Reply

Please, spare us this speech...

>>> Knut Finnevolden <knutf@mail.idt.net> 02 Sep 96 06:26 >>>
rwf wrote:
> I just got off the plane on my trip back from Florida. We held a lot due to
> weather, so I had a chance to do something kind of neat:
> I played with APRS on the Delta Jet. I also played with Precision
Mapping/GPS.
> I did not have a radio turned on, So I just played with the GPS and

maps.
> Here's what I did:

[snip]

Ralp,
What you did seemed pretty COOL, but it was illegal and dangerous!!!
As you obviously know, you may not use any receiver on board a
commercial
airplane (Federal Aviation Regulations). The pilot cannot even permit you
to do it. A GPS is a receiver!! And you knew that!!
So what did you do when you were showboating for the other
passengers ??
You could have endangered your and everybody elses lives, since it
could
have affected the onboard navigation system. Depending on the type of
airplane you were in, some have OLD equipment. Be aware that in a
holding
pattern, the protected airspace around your aircraft is limited, and the
pilots are expected to remain within. If they bust this, and it creates a
conflict with another airplane, the pilots may have their license
suspended for 30-90 days. That's a big fine (loss of income) for your
showboating. Next time, if you are not sure, ask the pilot prior to using
a receiver. Don't ask the flight attendant.

73.. Knut
Airline Captain

PS. If this had happened on my flight, I would have had you arrested for
endangering everbody's lifes.

From mbary@nmaa.org Tue Sep 03 10:59:24 1996
Received: from mail.nmaa.org (mail.nmaa.org [204.91.49.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA01886 for <aprssig@tapr.org>; Tue, 3 Sep 1996
10:59:22 -0500 (CDT)
Received: from ppp89.nmaa.org ([204.91.49.89]) by mail.nmaa.org
          (post.office MTA v1.9.1 ID# 0-11620) with SMTP id AAA107
          for <aprssig@tapr.org>; Tue, 3 Sep 1996 12:02:35 -0400
Message-ID: <322C7F82.128B@nmaa.org>
Date: Tue, 03 Sep 1996 11:57:06 -0700
From: mbary@nmaa.org (Mark L. Bary)
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Mailer-Daemon Madness!?!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:
>
> Mailer-Daemon wrote:
> >

> > Sorry. Your message could not be delivered to:
> >
> > aprs sig (The name was not found at the remote site. Check that the name has
> > been entered correctly.)
> >
> > --
> >
> > -=-
> > TeachNet, College of Education, University of Texas, Austin Texas
> > -=-
>
> Anyone have any idea why i keep getting this message, already received
> this 3 times this morning.
>

Bill,

Happened to me too. I noticed that the mailer sent it back as though I
had addressed it "aprs sig" (Note the space between the 's's). The
mailer must be having a bad hair day.... several days in a row, at
various times of the day.

73

Mark

From garnold@naples.net Tue Sep 03 11:25:12 1996
Received: from gator.naples.net (root@gator.naples.net [205.160.191.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA02966 for <aprssig@tapr.org>; Tue, 3
Sep 1996 11:25:10 -0500 (CDT)
Received: from port13.annex1.naples.net (port13.annex1.naples.net
[205.160.191.108]) by gator.naples.net (8.7.3/8.6.12) with SMTP id MAA12170 for
<aprssig@tapr.org>; Tue, 3 Sep 1996 12:26:15 -0400 (EDT)
Message-ID: <322CBE7B.67CA@naples.net>
Date: Tue, 03 Sep 1996 16:25:47 -0700
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4285] Re: Mobile to FL
References: <2.2.32.19960902025624.006fcee0@mail.cyberstreet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ronald Oblinger wrote:
>
> Gary I don't know why you don't see me on your screen. I see you all the
> time. It is probably due to the digi or path I use. I am really confused
> abaout the wide's and gate's and relay's. I run a 26 element beam with
> over 100 watts and I aim it directly south quite often. Some evenings I get
> 4 or 5 pages of log. I save the large ones. If someone gave a class on this

> APRS I would pay for it and drive a hundred miles to get to it. I'm picking
> up bits and pieces here and there. But you should see me - darn it!. PS: In
> answer to your query - don't change a thing. Everyone up here likes the mess-
> ages and the screen plots the way they are.
>
> Ron/73
> 73 cu Ron"KD4AMS"

Seeing you occaisionally now. If you use WIDE,WIDE for a digipath, it
should get you repeated here, and from one more that hears us. WXSVR
has
been a pain this weekend. Dale has almost no hair left. Think we may
have a more stable version running now.
73,
Gary
--

Gary Arnold CEM
Coordinator, Collier County (FL) Emergency Management
garnold@naples.net
76656.2753@compuserve.com
[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "http://www.naples.net/govern/county/emrgmgt/zccem1.htm"
Personal page: "http://www.naples.net/govern/county/emrgmgt/garnold.htm"

"I went to a restaurant that serves 'breakfast at any time'. I ordered
French Toast during the Renaissance."
           -- Steven Wright, perpipheral visionary

From garnold@naples.net Tue Sep 03 11:48:38 1996
Received: from gator.naples.net (root@gator.naples.net [205.160.191.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA03842 for <aprssig@tapr.org>; Tue, 3
Sep 1996 11:48:36 -0500 (CDT)
Received: from port13.annex1.naples.net (port13.annex1.naples.net
[205.160.191.108]) by gator.naples.net (8.7.3/8.6.12) with SMTP id MAA12984 for
<aprssig@tapr.org>; Tue, 3 Sep 1996 12:49:41 -0400 (EDT)
Message-ID: <322CC3FA.4A31@naples.net>
Date: Tue, 03 Sep 1996 16:49:14 -0700
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4293] Uplinking hurricane info
References: <199609021605.JAA01976@dfw-ix11.ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don Murray wrote:
>

> While I am in the questioning mood, I would like to find out if I have been
> screwing up or not..
>
> As I stated in a previous message, there are currently only two stations
> operating aprs in the local Savannah area.. I am working hard to get more
> people up and running with APRS. One of the ways I have been doing this is
> to uplink the recent hurricane reports every six hours of so thruout the
> time that the hurricanes are a threat to the east coast.. Am I screwing up
> something by doing this.. I have recieved no complaints from anyone, but
> this could be beacause there is nor near enough to be bother by me doing
> this..   Is it ok to uplink this kind of weather information if a station
> like me does not see in already on their APRS maps..
>
> Thanks in advance for your replys..
>
> Don
> AE4BR WxStat, Port Wentworth, Ga.

We are now testing a path through W7LUS (thanks to KG5QD) for
distribution of hurricane data as taken direct, and automatically from
the NWS wire. The should begin appearing within a couple of minutes of
receipt of the bulletin. They will indicate current, reference (3 hr
old), and 12, 24, 36, 48 and 72 hr forecast positions as taken from the
NHC forecast advisory, and will include hurricane (red) and tropical
storm (yellow) wind fields through the 36 hour forecast (not given by
NHC in the 48/72).

You should also see, in the bulletin page, the first few lines of the
PUBLIC advisory, issued by NHC, within a few minutes of it's receipt.

These plots and bulletins are repeated about every 20-30 minutes, so
screens will be kept updated, without hogging the freq.

Reception reports, comments, questions etc. welcomed, either here
(garnold@naples.net) or direct to Dale, the digital genius who has
written this code (kg5qd@aol.com).

The 30m link from Naples outbound is located at KG5QD for the time
being, and is available whenever possible. We hope to have a 30 m link
at the EOC, colocated with our VHF port shortly. This will be at 160
feet, and would be a 24 hour port.

73,
Gary WB2WPA

--

Gary Arnold CEM
Coordinator, Collier County (FL) Emergency Management
garnold@naples.net
76656.2753@compuserve.com
[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "http://www.naples.net/govern/county/emrgmgt/zccem1.htm"
Personal page: "http://www.naples.net/govern/county/emrgmgt/garnold.htm"

"I went to a restaurant that serves 'breakfast at any time'. I ordered
French Toast during the Renaissance."
           -- Steven Wright, perpipheral visionary

From SKedney@aol.com Tue Sep 03 12:13:38 1996
Received: from emout15.mail.aol.com (emout15.mx.aol.com [198.81.11.41]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA05063 for <aprssig@tapr.org>; Tue, 3
Sep 1996 12:13:36 -0500 (CDT)
From: SKedney@aol.com
Received: by emout15.mail.aol.com (8.6.12/8.6.12) id NAA12297 for
aprssig@tapr.org; Tue, 3 Sep 1996 13:13:02 -0400
Date: Tue, 3 Sep 1996 13:13:02 -0400
Message-ID: <960903131301_470854962@emout15.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4162] Re: FREQ COORDINATION LETTER

Thanks, I will see you on the air as soon as i find the pk88 in the closet,
and hook it up to the new computer and the new radio. This sounds
interesting.

73s
Sean
N9EBJ

From jratchf@bulldog.afsc.k12.ar.us Tue Sep 03 12:52:04 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id MAA07001 for <aprssig@tapr.org>; Tue, 3 Sep 1996
12:52:01 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us
[170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id MAA00640
for <aprssig@tapr.org>; Tue, 3 Sep 1996 12:51:52 -0500
Message-Id: <199609031751.MAA00640@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4332] Re: Too much time on my hands....
Date: Tue, 3 Sep 1996 12:50:51 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>
> > Wouldn't a NATIONAL APRS GATHERING be a NEAT event????
> > We could set up over a three-day weekend, I'd suggest, and bring in
Bob
> > and the Sproul Brothers, surely we could get the usual support from
the

> > ....
> > Anybody have any comments?
>
> APRSdos REPLY/COMMENT: Isnt it called Dayton?
>
YEP! For East Coasters! hihi

I like the mid-America APRS gathering idea, because, 1. It is close and 2.
it aint far!

--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From jratchf@bulldog.afsc.k12.ar.us Tue Sep 03 13:28:35 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA08698 for <aprssig@tapr.org>; Tue, 3 Sep 1996
13:28:33 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us
[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id NAA01104
for <aprssig@tapr.org>; Tue, 3 Sep 1996 13:28:31 -0500
Message-Id: <199609031828.NAA01104@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: APRS Airshow
Date: Tue, 3 Sep 1996 13:02:57 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

There is an airshow scheduled for this weekend in Harrison AR. The local
radio club will be working providing "backup" communications. Also, I have
been talking with the the Conferderate Air Force (which by the way all the
pilots are Hams!) about putting in an APRS package aboard thier aircraft.
As it turns out they are not going to do much flying at the show, but,
would like to talk about possibly installing a mobile APRS package
permanently! As you can imagine, I'm jumping on that one! Anyhoo, don't be
surprised someday when you see a "squadron" on aircraft moving across the
screen!!!
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From jratchf@bulldog.afsc.k12.ar.us Tue Sep 03 13:28:37 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA08699 for <aprssig@tapr.org>; Tue, 3 Sep 1996
13:28:34 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us
[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id NAA01106
for <aprssig@tapr.org>; Tue, 3 Sep 1996 13:28:33 -0500
Message-Id: <199609031828.NAA01106@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: Getting the NWS interested?!
Date: Tue, 3 Sep 1996 13:27:26 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Just a few questions! And please answer before noon tommorrow! (Sorry for
the short notice but we have a "eye to eye" tomm. with the NWS)
How do I get the NWS interested in using APRS as an alternative to a
failed SKYWARN (Voice)Net?
How do I get the HAMS involved?
Who has successfully installed and has a good working APRS SKYWARN NET?
Any suggestions, help, comments, gripes, complaints, ect. ect. will help!
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From n2iph@cyberenet.net Tue Sep 03 13:59:40 1996
Received: from admin.cyberenet.net (admin.cyberenet.net [204.213.252.6]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA10104 for <aprssig@tapr.org>; Tue, 3
Sep 1996 13:59:39 -0500 (CDT)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp
     (Smail3.1.29.1 #7) id m0uy0hF-000O4hC; Tue, 3 Sep 96 14:59 EDT
Received: from n2iph.ppp.cyberenet.net.cyberenet.net by ux1.cyberenet.net with
smtp
     (Smail3.1.29.1 #8) id m0uy0hD-0006VKC; Tue, 3 Sep 96 14:59 EDT
Message-ID: <322C7F77.2C0C@cyberenet.net>
Date: Tue, 03 Sep 1996 14:56:55 -0400
From: Bob Derderian <n2iph@cyberenet.net>
Reply-To: n2iph@cyberenet.net
Organization: I&C
X-Mailer: Mozilla 3.0b6Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4339] APRS Airshow
References: <199609031828.NAA01104@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Now THAT would be cool! I would like to see them crusing around the
country.

By the way, for those of you who haven't made it to Bill's webpage, he
has done a really nice job! Congrats to you Bill.

Bob, n2iph
'94 Lightning build #3541

From theojkat@voicenet.com Tue Sep 03 15:31:01 1996
Received: from mail.voicenet.com (mail.voicenet.com [207.103.0.37]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id PAA15193 for <aprssig@tapr.org>; Tue, 3 Sep 1996
15:30:44 -0500 (CDT)
Received: from eagle1 (philly114.voicenet.com [207.103.16.193]) by
mail.voicenet.com (8.7.5/8.6.12) with SMTP id QAA21500 for <aprssig@tapr.org>;
Tue, 3 Sep 1996 16:31:55 -0400 (EDT)
Message-Id: <1.5.4.32.19960903202907.00669410@voicenet.com>
X-Sender: theojkat@voicenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 03 Sep 1996 16:29:07 -0400
To: aprssig@tapr.org
From: "Theodore J. Katz" <theojkat@voicenet.com>
Subject: Re: [APRSSIG:4306] Re: ACARS

At 09:24 PM 9/2/96 -0500, you wrote:
>On Mon, 2 Sep 1996, Theodore J. Katz wrote:
>
>> I have been reading about acars w/aprs or APRSacars, Is there any info on
>> have this is setup?.
>> I have a PK900, aprs76f and a radio that can recieve 131.55 AM.
>> The PK900 does have software the will run acars.
>
>APRSdos REPLY/COMMENT: Read ACARS.txt. You must run APRSair.exe and I
>cant remember what you have to have registered or not..   It should be in
>that file... Be sure to tell the TNC to pass along the data RAW to
>APRS...
>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>
I am a registered (aprs) Where is Aprsair.exe ???
Ted Katz N3OWM,Phila,Pa
tedk@formail.formation.com
theojkat@voicenet.com
n3owm@ke3cz.epa.pa.usa
40.01.05 N
75.03.75 W

From ayork@juno.com Tue Sep 03 16:29:44 1996
Received: from x7.boston.juno.com (x7.boston.juno.com [205.231.100.24]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA18048 for <aprssig@tapr.org>; Tue, 3 Sep 1996 16:29:40 -0500 (CDT)
Received: (from ayork@juno.com) by x7.boston.juno.com (queuemail) id RAA15398; Tue, 03 Sep 1996 17:14:11 EDT
To: aprssig@tapr.org
Subject: Re: DFjr connections with APRS (fwd)
Message-ID: <19960903.163005.13486.0.ayork@juno.com>
References: <322C381A.34A4@cris.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-3
From: ayork@juno.com (Arthur York)
Date: Tue, 03 Sep 1996 17:14:11 EDT

If its any help, Daemon is a Mail router in the U.K.

Art York
w4vrp

From ronhaley@dgps.com Tue Sep 03 17:11:42 1996
Received: from server.DGPS.COM (dgps.com [165.113.153.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA19861 for <aprssig@tapr.org>; Tue, 3 Sep 1996 17:11:36 -0500 (CDT)
Received: from [165.113.153.3] by server.DGPS.COM (NTMail Server 2.11.25 - ntmail@net-shopper.co.uk) id aa002901 Tue, 3 Sep 96 15:06:48 -0100 (PDT)
Message-Id: <2.2.32.19960903151412.003219e4@dgps.com>
X-Sender: ronhaley@dgps.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 03 Sep 1996 15:14:12 +0000
To: aprssig@tapr.org
From: "Ronald P. Haley" <ronhaley@dgps.com>
Subject: Re: [APRSSIG:4333] Re: APRS at 30,000 ft on an L-1011 -Reply
Cc: aprssig@tapr.org

Knut,
Are you sure of this. I believe that GPS is now certified for use in aviation. In fact, I have been up in the cockpit with handheld recievers going over it with the crew. I am not saying you are wrong, but I am surprised. In fact, the precision approaches from 98 on will be mostly GPS.

At 09:37 AM 9/3/96 -0500, Doug Nielson wrote:
>Please, spare us this speech...
>
>>>> Knut Finnevolden <knutf@mail.idt.net> 02 Sep 96 06:26 >>>
>rwf wrote:
>> I just got off the plane on my trip back from Florida. We held a lot due to
>> weather, so I had a chance to do something kind of neat:
>> I played with APRS on the Delta Jet. I also played with Precision
>Mapping/GPS.

>> I did not have a radio turned on, So I just played with the GPS and
>maps.
>> Here's what I did:
>
>[snip]
>
>Ralp,
>What you did seemed pretty COOL, but it was illegal and dangerous!!!
>As you obviously know, you may not use any receiver on board a
>commercial
>airplane (Federal Aviation Regulations). The pilot cannot even permit you
>to do it. A GPS is a receiver!! And you knew that!!
>So what did you do when you were showboating for the other
>passengers ??
>You could have endangered your and everybody elses lives, since it
>could
>have affected the onboard navigation system. Depending on the type of
>airplane you were in, some have OLD equipment. Be aware that in a
>holding
>pattern, the protected airspace around your aircraft is limited, and the
>pilots are expected to remain within. If they bust this, and it creates a
>conflict with another airplane, the pilots may have their license
>suspended for 30-90 days. That's a big fine (loss of income) for your
>showboating. Next time, if you are not sure, ask the pilot prior to using
>a receiver. Don't ask the flight attendant.
>
>73.. Knut
>Airline Captain
>
>PS. If this had happened on my flight, I would have had you arrested for
>endangering everbody's lifes.
>
>
>
---------- Worldwide leaders in Real Time DGPS----------
Ronald P. Haley   PH: +1-408-446-8350
President and C.E.O.   Fax: +1-408-446-8383
Differential Corrections Inc   E-Mail: ronhaley@dgps.com
10121 Miller Ave   Web: http://www.dgps.com
Cupertino, CA 95014

From bruninga@nadn.navy.mil Tue Sep 03 17:27:10 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA20488 for <aprssig@tapr.org>; Tue, 3
Sep 1996 17:27:08 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id SAA17191 for <aprssig@tapr.org>; Tue, 3 Sep 1996
18:32:07 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 3 Sep 1996 18:32:06 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic

To: aprssig@tapr.org
Subject: Re: [APRSSIG:4342] Re: ACARS
In-Reply-To: <1.5.4.32.19960903202907.00669410@voicenet.com>
Message-ID: <Pine.GSO.3.95.960903183054.16970D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Sep 1996, Theodore J. Katz wrote:

> I am a registered (aprs) Where is Aprsair.exe ???
> Ted Katz N3OWM,Phila,Pa

APRSdos REPLY/COMMENT: Its where everything else is for APRSdos on the
tapr.org ftp site in the tapr/SIG/aprssig/files/upload or dosaprs
directories...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From knutf@mail.idt.net Tue Sep 03 17:52:39 1996
Received: from Mail.IDT.NET (mail.idt.net [198.4.75.205]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA21953 for <aprssig@tapr.org>; Tue, 3 Sep 1996
17:52:37 -0500 (CDT)
Received: from ppp-4.ts-1.hrt.idt.net (ppp-4.ts-1.hrt.idt.net [169.132.70.4]) by
Mail.IDT.NET (8.7.4/8.7.3) with SMTP id SAA04433 for <aprssig@tapr.org>; Tue, 3
Sep 1996 18:52:31 -0400 (EDT)
Message-ID: <322CE0AB.4979@mail.idt.net>
Date: Tue, 03 Sep 1996 18:51:39 -0700
From: Knut Finnevolden <knutf@mail.idt.net>
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4344] Re: APRS at 30,000 ft on an L-1011 -Reply
References: <2.2.32.19960903151412.003219e4@dgps.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ronald P. Haley wrote:
>
> Knut,
> Are you sure of this. I believe that GPS is now certified for use in
> aviation. In fact, I have been up in the cockpit with handheld recievers
> going over it with the crew. I am not saying you are wrong, but I am
> surprised. In fact, the precision approaches from 98 on will be mostly GPS.
>   snip----------------
> >
> ---------- Worldwide leaders in Real Time DGPS----------------------------
> Ronald P. Haley   PH: +1-408-446-8350
> President and C.E.O.   Fax: +1-408-446-8383
> Differential Corrections Inc   E-Mail: ronhaley@dgps.com
> 10121 Miller Ave   Web: http://www.dgps.com
> Cupertino, CA 95014-------

All electronic equipment used in an airplane must meet TSO requirements (certification requirements) for its use. GPS is widely used in airplanes, but the individual model number must meet the above TSO.

Now for passengers carrying their own equipment onboard, the Federal Aviation Regulation is clear:

FAR 91.21 Portable electronic devices.
(a) Except as provided in paragraph (b) of this section, no person may operate, nor may any operator or pilot in command of an aircraft allow the operation of, any portable electronic device on any of the following U.S.-registered civil aircraft:
(1) Aircraft operated by a holder of an air carrier operating certificate [AIRLINE] or an operating certificate; or
(2) Any other aircraft while it is operated under IFR. [All Jet operations are conducted under IFR]
(b) Paragraph (a) of this section does not apply to -
(1) Portable voice recorders;
(2) Hearing aids;
(3) Heart pacemakers;
(4) Electric shavers; or
(5) Any other portable electronic device that the operator of the aircraft has determined will not cause interference with the navigation or communication system of the aircraft on which it is to be used. [A list of these devices is typically found in the in-flight magazine, and typically include computers and cd-players. No airline will permit AM/FM RECEIVERS, TVs, cell phones etc.]

The text in [ ] is added by me. As you see from this regulation, it is not up to the pilot, but up to the airline (with the FAA's approval) to determine if a particular electronic device may be used. To my knowledge, no US airline allows ANY type of receiver provided by a passenger to be used.

There is no doubt that you can go out and buy a IFR approved handheld GPS. The problem, again, lies in who provided the equipment, the airline or a passenger.

We have had a few cases where erratic indications have been observed during approach, that stopped when the flight attendant asked a passenger to turn off his 'walk-man'.

73.. Knut

From wo0e@sky.net Tue Sep 03 18:18:12 1996
Received: from sky.net (wo0e@SOLAR.SKY.NET [198.70.175.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA23144 for <aprssig@tapr.org>; Tue, 3 Sep 1996 18:18:04 -0500 (CDT)
Received: from localhost (wo0e@localhost) by sky.net (8.7.3/8.7.3) with SMTP id SAA12183 for <aprssig@tapr.org>; Tue, 3 Sep 1996 18:17:58 -0500 (CDT)
Date: Tue, 3 Sep 1996 18:17:58 -0500 (CDT)
From: Bill Lefler <wo0e@sky.net>
To: aprssig@tapr.org

Subject: Re: [APRSSIG:4346] Re: APRS at 30,000 ft on an L-1011 -Reply
In-Reply-To: <322CE0AB.4979@mail.idt.net>
Message-ID: <Pine.GSO.3.93.960903181536.10996A-100000@sky.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Sep 1996, Knut Finnevolden wrote:

> We have had a few cases where erratic indications have been observed
> during approach, that stopped when the flight attendant asked a passenger
> to turn off his 'walk-man'.
     ^^^^^^^^^^^^^^^^^^^^^^^^ Does this scare anyone else? I think I will
take the bus from now on!!!!! :-) ;-)
I know! Get back on topic....
****
wo0e@sky.net - Bill Lefler - Kansas City KS
Amateur Radio - WO0E (Dub-Yo-Zeree)
"Life is a Reach! Sheet in and Hike Hard!"
****

From KD4EMI@aol.com Tue Sep 03 18:26:39 1996
Received: from emout15.mail.aol.com (emout15.mx.aol.com [198.81.11.41]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA23754 for <aprssig@tapr.org>; Tue, 3
Sep 1996 18:26:35 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout15.mail.aol.com (8.6.12/8.6.12) id TAA03548 for
aprssig@tapr.org; Tue, 3 Sep 1996 19:26:03 -0400
Date: Tue, 3 Sep 1996 19:26:03 -0400
Message-ID: <960903192539_276314695@emout15.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4344] Re: APRS at 30,000 ft on an L-1011 -Reply

This is in ref to the flamage:

Whether it is ok or isnt ok to use one, the flame that guy (?) sent was
way out of line IMHO...Here (was) probably an enthusiastic guy who wanted to
share a little of his excitement..

I almost flipped when I read the flame...wow man, chill out...relax...
Peace..
Mike
KD4EMI@AOL.COM

From ku0g@sprynet.com Tue Sep 03 18:48:20 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA25245 for <aprssig@tapr.org>; Tue, 3 Sep 1996
18:48:17 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.246.253] (hd68-253.compuserve.com [199.174.246.253]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id QAA29047 for <aprssig@tapr.org>; Tue,
3 Sep 1996 16:45:35 -0700
Date: Tue, 3 Sep 1996 16:45:35 -0700

Message-Id: <199609032345.QAA29047@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:4280] WX Legal
To: aprssig@tapr.org
In-Reply-To: <3229C1F1.71CA@cris.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

The Identification issue is already covered in the position report as your station callsign appears as the FIRST thing in EVERY packet followed by the digipath. Easy, huh?

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Tue Sep 03 18:51:38 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA25540 for <aprssig@tapr.org>; Tue, 3 Sep 1996 18:51:37 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.246.253] (hd68-253.compuserve.com [199.174.246.253]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id QAA29451 for <aprssig@tapr.org>; Tue, 3 Sep 1996 16:48:52 -0700
Date: Tue, 3 Sep 1996 16:48:52 -0700
Message-Id: <199609032348.QAA29451@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:4288] APRS beacon format
To: aprssig@tapr.org
In-Reply-To: <199609020646.XAA18079@dfw-ix11.ix.netcom.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

Yes, the leading zero is the problem...
Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From z004391b@bcfreenet.seflin.lib.fl.us Tue Sep 03 19:03:28 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA26152 for <aprssig@tapr.org>; Tue, 3 Sep 1996 19:03:26 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id UAA27062; Tue, 3 Sep 1996 20:02:44 -0400
Date: Tue, 3 Sep 1996 20:02:42 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:4307] Re: Uplinking hurricane info
To: aprssig@tapr.org
cc: aprssig@tapr.org

In-Reply-To: <Pine.GSO.3.95.960902223032.23521O-100000@arctic>
Message-ID: <Pine.3.89.9609032023.A23711-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good idea Bob, we are being sent weather warnings from three different
stations, all from outside of our local area. Worse yet, they are
incomplete sentences for the most part. The weather information is in
'automatic' mode and all words beyond the screen width are truncated.
73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Mon, 2 Sep 1996, Bob Bruninga wrote:

> On Mon, 2 Sep 1996, Don Murray wrote:
>
> > this..   Is it ok to uplink this kind of weather information if a station
> > like me does not see in already on their APRS maps..
>
> APRSdos REPLY/COMMENT: Seems to me that that is exactly what APRS is
> deisgned for. As soon as organized SKYWARN nets come up, they can set the
> better local rules, but it seems you are fulfilling the true sense of ham
> radio by posting your info voluntarily. Only caution would be to not
> send such info beyond two WIDES tho. SInce you will typically see only
> stations out 2 WIDES, you should not QRM stations beyond that range...
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>

From wendysue@global2000.net Tue Sep 03 19:05:24 1996
Received: from mail.global2000.net ([198.69.121.4]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id TAA26271 for <aprssig@tapr.org>; Tue, 3 Sep 1996 19:05:23 -0500
(CDT)
Received: from test.global2000.net (dialup-83.global2000.net [205.247.145.183]) by
mail.global2000.net (8.7.5/8.6.9) with SMTP id UAA07056 for <aprssig@tapr.org>;
Tue, 3 Sep 1996 20:05:18 -0400
Message-ID: <322CC7CE.3E78@global2000.net>
Date: Tue, 03 Sep 1996 20:05:34 -0400
From: John M Domblewski <wendysue@global2000.net>
Organization: Mobile Office Services
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: WTB: PacComm HandiPacket
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All

Does anybody have a HandiPacket they no longer need or want?
Please let me know via direct e-mail.

TNX

John

From hedwards@st6000.sct.edu Tue Sep 03 19:05:29 1996
Received: from st6000.sct.edu ([168.28.176.249]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id TAA26290 for <aprssig@tapr.org>; Tue, 3 Sep 1996 19:05:28 -0500 (CDT)
Received: by st6000.sct.edu (AIX 4.1/UCB 5.64/4.03)
          id AA31288; Tue, 3 Sep 1996 20:05:02 -0400
Date: Tue, 3 Sep 1996 20:05:02 -0400 (EDT)
From: "Chris H. Edwards, AE4XO" <hedwards@st6000.sct.edu>
To: aprssig@tapr.org
Subject: TNX TO FL
In-Reply-To: <199608312238.SAA21492@mail-e2b-service.gnn.com>
Message-Id: <Pine.A32.3.91.960903195542.61268F-100000@st6000.sct.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Thank you to those stations between Warner Robins and FT. Myers
that contacted or Were active on APRS this weekend. I enjoyed APRS as
always. And even if there were some 'holes' in the network, I still
enjoyed watching myself going down the road. Several stations had very
nice updated <and current> Hurricane info. K4FUY on Sanibel IS, FL acted
as a relay, and was helpful in getting my packets to the Wide in Naples.

I travelled to FL in June and there were NO stations in the area of FT.
Myers that I saw, so that you again to those that were available.

73 de chris
hedwards@sct.edu <hows that rwf??>

Marietta, GA

From z004391b@bcfreenet.seflin.lib.fl.us Tue Sep 03 19:07:48 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA26369 for
<aprssig@tapr.org>; Tue, 3 Sep 1996 19:07:46 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id UAA28744; Tue, 3 Sep 1996 20:07:05 -0400
Date: Tue, 3 Sep 1996 20:07:05 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:4308] Re: APRS 7.7
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <Pine.GSO.3.95.960902223934.23521P-100000@arctic>
Message-ID: <Pine.3.89.9609032020.B23711-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I don't have a solution but will report on a similar problem that has since disappeared. APRS wouldn't start communicating with the TNC from it's WIN95 icon (DOS) until I went into hyperterminal and kick-started the TNC. This consisted of just the simple connection at 4800 baud. Once that took place I could exit and APRS would start without the TNC COMMUNICATION error.   This problem started when I installed 7.6F.

Maybe just a qwirk, but the problem has since disappeared.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Mon, 2 Sep 1996, Bob Bruninga wrote:

> On Mon, 2 Sep 1996, Gary Wells wrote:
>
> > First, I am using it with a Davis Weather Monitor II. Several times,
> > when I have quit APRS, and then gone back, APRS can not find the weather
> > station. It diaplays the Getting WX Station Data message, and locks up
> > TIGHT. Rebooting does not help. The only way I have found to get APRS
> > to find the WX station again is to reboot, start Weather Link software,
> > access the WX station, quit Weather Link, and then start APRS.
>
> APRSdos REPLY/COMMENT: ANyone else have this problem? What is solution?
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>

From davidmc@goodnet.com Tue Sep 03 19:42:41 1996
Received: from goodguy.goodnet.com (root@goodnet.com [207.98.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA28890 for <aprssig@tapr.org>; Tue, 3 Sep 1996 19:42:38 -0500 (CDT)
Received: from 206.43.124.90 (tempe-ts14-25.goodnet.com [206.43.124.90]) by goodguy.goodnet.com (8.7.5/8.7.1) with SMTP id RAA18620 for <aprssig@tapr.org>; Tue, 3 Sep 1996 17:41:46 -0700 (MST)
Message-ID: <322CD0C9.E7F@goodnet.com>
Date: Tue, 03 Sep 1996 17:43:53 -0700
From: David & Roxanne McCarthy <davidmc@goodnet.com>
X-Mailer: Mozilla 2.02 (Macintosh; I; PPC)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4340] Getting the NWS interested?!
References: <199609031828.NAA01106@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am also interested in this idea. Would appreciate more info on how to set it up.

David, KC7AYX
Arizona Skywarn Sector 2

From sparkfel@primenet.com Tue Sep 03 19:43:12 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA28910 for <aprssig@tapr.org>; Tue, 3 Sep 1996 19:42:51 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by mailhost1.primenet.com (8.7.5/8.7.1) with ESMTP id RAA05763 for <aprssig@tapr.org>; Tue, 3 Sep 1996 17:42:20 -0700 (MST)
Received: from ip067.phx.primenet.com (ip067.phx.primenet.com [198.68.46.67]) by primenet.com (8.7.5/8.7.5) with SMTP id RAA11102; Tue, 3 Sep 1996 17:41:37 -0700 (MST)
Date: Tue, 3 Sep 1996 17:41:37 -0700 (MST)
Message-Id: <1.5.4.16.19960903174209.232f8450@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: [APRSSIG:4346] Re: APRS at 30,000 ft on an L-1011 -Reply

At 05:53 PM 9/3/96 -0500, Knut Finnevolden wrote:
>   (b) Paragraph (a) of this section does not apply to -
>   (1) Portable voice recorders;
>   (2) Hearing aids;
>   (3) Heart pacemakers;
>   (4) Electric shavers; or
>   (5) Any other portable electronic device that the operator of the
>aircraft has determined will not cause interference with the navigation
>or communication system of the aircraft on which it is to be used.
>[A list of these devices is typically found in the in-flight magazine,
>and typically include computers and cd-players. No airline will permit
>AM/FM RECEIVERS, TVs, cell phones etc.]
>
>The text in [ ] is added by me. As you see from this regulation, it is
>not up to the pilot, but up to the airline (with the FAA's approval) to
>determine if a particular electronic device may be used. To my knowledge,
>no US airline allows ANY type of receiver provided by a passenger to be
>used.

Aha, there lies the rub. I've checked most airline magazines while onboard, and I've never run across a specified ban on GPS receivers. I've heard that Alaska Airlines (on this SIG) has them (GPS) listed.
The ban on cell phones is under regulation mainly by the FCC. This is to keep cell-phones from "lighting up"
several hundred cell sites at once! It applies to any cell-phone in any aircraft in the air.

Many consumer electronic products emit possibly harmful RF. I know for a fact, that my Casio PDA emits a strong signal on 123.10 AM which is the Air-to-Air frequency used by Phoenix Police when talking to News

Helicopters. For that reason, I refrain from using it onboard aircraft.
I've "sweep tested" my Magellan Trailblazer XL through the entire VHF
avaition band (as well as others) and it emits no birdies. I also have an
electric razor, a Norelco, which sets off my weather-alert radio (on 162.55
mHz FM) every time I use it! This is a compound problem as it takes several
harmonics to do this. I've even read of hearing aids causing interference
with radar detectors and cell phones.

This is the problem. The "ban" on receivers is short sited, because a CD
walkman or a cheap laptop computer is just as likely to cause harmful
interference as a GPS receiver, if not more so.

>
>There is no doubt that you can go out and buy a IFR approved handheld
>GPS. The problem, again, lies in who provided the equipment, the airline
>or a passenger.
>
>We have had a few cases where erratic indications have been observed
>during approach, that stopped when the flight attendant asked a passenger
>to turn off his 'walk-man'.
>
>73.. Knut
>
>

From davidc@tbcnet.com Tue Sep 03 19:50:40 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA29371 for <aprssig@tapr.org>; Tue, 3 Sep 1996
19:50:37 -0500 (CDT)
Received: from [207.112.227.163] (davidc.tbcnet.com [207.112.227.163]) by
tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id TAA24234 for <aprssig@tapr.org>; Tue, 3
Sep 1996 19:50:33 -0500
Date: Tue, 3 Sep 1996 19:50:33 -0500
Message-Id: <199609040050.TAA24234@tbc1.tbcnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: davidc@tbcnet.com (David Chesser)
Subject: Re: [APRSSIG:4344] Re: APRS at 30,000 ft on an L-1011 -Reply

The use of GPS in the cockpit for instrument flight is restricted to a GPS
with an updatable database and installed in the panel of the aircraft. A
GPS approach is a Non Precision approach which, unlike an ILS approach, is
a precision approach and provides altitude and runway centerline guidance
(Category I [200 ft], Category II, [100 ft], and Category III [touchdown])
with special requirements for air crew and equipment for category II & III.
An example of a non precision approach is a VOR approach which might not
even align the aircraft to the runway centerline. Also, the minimum
altitude is usually closer to that of an NDB approach (Non directional
beacon). When differential transmitters are in place at each airport that
has a GPS approach. This will then change things, but for here and now a
GPS approach is a Non Precision approach and hasn't replaced the ILS

approach. A handheld GPS doesn't have an updatable database and isn't installed in the panel, so can't be used for IFR flight.

David Chesser Pilot

From amirault@laraby.tiac.net Tue Sep 03 19:51:58 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA29466 for <aprssig@tapr.org>; Tue, 3 Sep 1996 19:51:54 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id UAA21960; Tue, 3 Sep 1996 20:55:29 -0400
Date: Tue, 3 Sep 1996 20:55:28 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: WIDE,WIDE,WIDE?
In-Reply-To: <199608211832.LAA02819@poseidon>
Message-ID: <Pine.BSF.3.91.960903205346.21535D-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've been using the GATE filter mostly, but recently turned it off and what do I see? Most everyone is using an Unproto path with at LEAST three WIDE's....I thought that was a NO-NO.

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From JohnN2YHK@aol.com Tue Sep 03 20:59:42 1996
Received: from emout12.mail.aol.com (emout12.mx.aol.com [198.81.11.38]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA03693 for <aprssig@tapr.org>; Tue, 3 Sep 1996 20:59:39 -0500 (CDT)
From: JohnN2YHK@aol.com
Received: by emout12.mail.aol.com (8.6.12/8.6.12) id VAA09412; Tue, 3 Sep 1996 21:58:46 -0400
Date: Tue, 3 Sep 1996 21:58:46 -0400
Message-ID: <960903215404_471222739@emout12.mail.aol.com>
To: aprssig@tapr.org, n2zrc@gnn.com, n2ygk@columbia.edu
Subject: Which GPS for me?

Hello All,

First I would like to say I am delighted to be back on the SIG after a two month absence during my move from NY to VT.

I was sad to leave the "heavily" populated APRS area around NYC, but I was also surprised to actually see three stations on APRS here in the Champlain Valley of VT/NY.

Which brings me to the point of this message:

I would like to purchase a GPS unit to take with me in the car and on the 50+

miles of bikepath around Burlington, VT. It would be primarily to track myself from the computer at home. I have never looked into purchasing a unit before. Which one is for me?

I want a unit around $300, since I still need to fork out another $100-$125 for another KPC-3. I assume I want one with an attached antenna, with a connection for an external one. I also (I think) need one with a NEMA port in order to use it for APRS. I have seen one with a nice map display (I think it was a Garmin), but that is not a necessity. Any suggestions? And what is the Garmin 45 everyone seems to have?

Thanks in Advance!

73 de John, N2YHK/1

From markspoo@TheRamp.net Tue Sep 03 21:01:27 1996
Received: from kato.theramp.net (root@kato.theramp.net [205.212.88.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA03783 for <aprssig@tapr.org>; Tue, 3 Sep 1996 21:01:23 -0500 (CDT)
Received: from kato-ip-136.theramp.net (kato-ip-136.theramp.net [205.212.88.136]) by kato.theramp.net (8.6.12/8.6.12) with SMTP id VAA03137 for <aprssig@tapr.org>; Tue, 3 Sep 1996 21:11:56 -0500
Date: Tue, 3 Sep 1996 21:11:56 -0500
Message-Id: <199609040211.VAA03137@kato.theramp.net>
X-Sender: markspoo@205.212.88.2
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Mark Spoo <markspoo@TheRamp.net>
Subject: Re: [APRSSIG:4312] Too much time on my hands....

Well I am speaking or my self and Chgo but lets do it!!!!!! We could have sessions from novice to expert user and Active demenstrations Make it when it is cool but not cold. Also computer suppliers could be invited

Mark N9VDQ

At 11:54 PM 9/2/96 -0500, you wrote:
>Had a MOST enjoyable lunch with KB9LBU and WA9FFL in Rochelle, Illinois, Monday
>afternoon as I departed Chicago for Kansas City...It occured to me that meeting
>face-to-face is good for all of us....
>
>Then, a bolt from the blue (actually a smack from Karla!) gave me an idea....
>
>Wouldn't a NATIONAL APRS GATHERING be a NEAT event???? I'll even go so far as
>to say that the Kansas City APRS Working Group would be willing to host such an
>event. There is certainly an ample supply of hotel/motel space with meeting

>rooms here, not to mention a fairly mature APRS network operating.
>
>We could set up over a three-day weekend, I'd suggest, and bring in Bob and
the
>Sproul Brothers, surely we could get the usual support from the various
>APRS-affiliated suppliers like PacComm, Kantronics, Garmin (I can pretty well
>guarantee and BIG Garmin presence if we did it here) and others...
>
>Anybody have any comments?
>
>So what do you think? Kansas City, BBQ, APRS all at once? Only way it
could get
>any better is if the beer was free!!!
>
>Comments welcome!!!
>
>Best 73,
>Jim Duncan, KU0G
>APRS--Kansas City Coordinator
>EMail: ku0g@sprynet.com
>
>

From rsellers@firecraker.com Tue Sep 03 21:21:10 1996
Received: from email.firecraker.com (email.firecraker.com [206.101.246.91]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA05238 for <aprssig@tapr.org>; Tue, 3
Sep 1996 21:21:07 -0500 (CDT)
Received: from RSELLERS (206.101.246.126) by email.firecraker.com
 with SMTP (Apple Internet Mail Server 1.1.1); Tue, 3 Sep 1996 21:20:54 -0600
X-Sender: rsellers@email.firecraker.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4329] RE: Pico TNC-Help
Date: Tue, 3 Sep 1996 21:20:54 -0600
Message-ID: <1370336842-1020370@email.firecraker.com>

>On Saturday, August 31, 1996 2:45 PM, Irvin Feldman[SMTP:irvinf@i1.net]
>wrote:
>>TNX for reading, not a packet guru. Pico inop with new firmware(pre-rel
>>3.2.10 5/13/96). Reinstalled original and was to make two connects.
>>Everything seems normal
>>EXCEPT I cannot monitor any packet burst (on another rcvr) when the HT is
>keyed.
>>
>>Anyone remember Gynn's E-mail address? gwynn@paccomm.com??
>>
>>TNX
>>Irv Feldman
>>N0NOB
>>E-mail:irvinf@i1.net

>>
>>
>>
>
>Gwyn@paccomm.com (anything@paccomm.com works, where anything means
>anything. Most usual problem with bounced mail is mis-spelling of paccomm,
>like leaving out one c or one m)
>
>Gwyn Reedy, W1BEL
>PacComm Packet Radio Systems
>http://www.paccomm.com
>
>begin 600 WINMAIL.DAT
>M>)\^(C4-`0:0" `$`````````!``$``0>0!@`(````Y 0`````````#H``$-@ 0`
> .... much snipped....
>end
>
>
 AARRRRRRGGGGGHHHHH..... !!!!
  Someone is using Microsoft Explorer. Please fix this so it's not attached
to every message you send. I'm not sure of the source. I know we went thru
this some time ago. A knowledgeable individual please advise the source how
to "FIX" this. I forgot or I'd rely to them directly myself.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@firecraker.com
E-Mail Work: rsellers@snds.com

From wa4ikq@nevets.oau.org Tue Sep 03 21:21:41 1996
Received: from osceola.cs.ucf.edu (osceola.cs.ucf.edu [132.170.108.35]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA05257 for <aprssig@tapr.org>; Tue, 3
Sep 1996 21:21:33 -0500 (CDT)
Received: from alfred.UUCP by osceola.cs.ucf.edu (4.1/1.34)
     id AA13493; Tue, 3 Sep 96 22:21:25 EDT
Received: by alfred.oau.org (Smail-3.2 1996-Jul-4 #1)
     id <m0uy7BR-0002anC@alfred.oau.org>; Tue, 3 Sep 1996 21:55:13 -0400 (EDT)
Received: by nevets.oau.org (Smail3.1.29.1 #2)
     id m0uy6q3-000QkFC; Tue, 3 Sep 96 21:33 EDT
Message-Id: <m0uy6q3-000QkFC@nevets.oau.org>
Date: Tue, 3 Sep 96 21:33 EDT
From: wa4ikq@nevets.oau.org (Geoffrey Dick)
To: aprssig@tapr.org
Subject: NWS INTEREST IN APRS

> ===
>From wa4ikq Tue Sep 3 20:40:33 1996
To: aprs-fl@tapr.org
Subject: NWS INTEREST IN APRS

In reponse to questions posed by KC5JGV,

NWS in Melbourne became interested in APRS when they saw all the automatic transponding weather stations ham radio operators were running 24 hours a day. In the Orlando metropolitan area alone, 4 weather stations are on APRS. It also helps to have a knowledgable APRS ham willing to install and train NWS on the operation of APRS. A demo is worth a thousand words.

Geoffrey Dick
Winter Park, FL
wa4ikq@nevets.oau.org

==========

> > Date: Tue, 3 Sep 1996 13:46:15 -0500 (CDT)
> > From: "J. Scott Ratchford, KC5JGV" <alfred!ucf-cs!bulldog.afsc.k12.ar.us!jratchf>
> > To: aprssig@tapr.org
> > Subject: [APRSSIG:4340] Getting the NWS interested?!
> >
> > Just a few questions! And please answer before noon tommorrow! (Sorry for
> > the short notice but we have a "eye to eye" tomm. with the NWS)
> > How do I get the NWS interested in using APRS as an alternative to a
> > failed SKYWARN (Voice)Net?
> > How do I get the HAMS involved?
> > Who has successfully installed and has a good working APRS SKYWARN NET?
> > Any suggestions, help, comments, gripes, complaints, ect. ect. will help!
> > --
> > J. Scott Ratchford - KC5JGV - Marshall, Arkansas
> > * North Arkansas Amateur Radio Society, Inc.
> > * Marshall Volunteer Fire Dept./EMS First Responder
> > * Calf Creek Lodge #426
> > * E. Daniel Hardware "3 Fingers" Bourbon & Liars Club
> >

From rsellers@firecraker.com Tue Sep 03 21:33:34 1996
Received: from email.firecraker.com (email.firecraker.com [206.101.246.91]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA06117 for <aprssig@tapr.org>; Tue, 3 Sep 1996 21:33:33 -0500 (CDT)
Received: from RSELLERS (206.101.246.126) by email.firecraker.com
 with SMTP (Apple Internet Mail Server 1.1.1); Tue, 3 Sep 1996 21:33:23 -0600
X-Sender: rsellers@email.firecraker.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4358] WIDE,WIDE,WIDE?
Date: Tue, 3 Sep 1996 21:33:23 -0600
Message-ID: <1370336093-1065401@email.firecraker.com>

>I've been using the GATE filter mostly, but recently turned it off and
>what do I see? Most everyone is using an Unproto path with at LEAST
>three WIDE's....I thought that was a NO-NO.
>

>Richard Amirault N1JDU Boston, Massachusetts USA
>amirault@tiac.net "Go Fly A Kite"
>
>
My impression was it is, but since most new users don't read all the
documentation till they have a problem (I'm guilty here), they don't know
about it till someone posts a BLN or they get told directly. It's an issue
in Chicago area too.
  Bob, Mark, and Keith,
    It's too bad the APRS software can't check the unproto path for this
condition and put up an error message(smirk..smirk.. hint.. hint). I know,
I have no idea what's involved, but you cant blame a guy for asking.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@firecraker.com
E-Mail Work: rsellers@snds.com

From amirault@laraby.tiac.net Tue Sep 03 22:08:21 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA07794 for <aprssig@tapr.org>; Tue, 3 Sep 1996
22:08:16 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id
XAA23944; Tue, 3 Sep 1996 23:11:48 -0400
Date: Tue, 3 Sep 1996 23:11:48 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4264] APRS at 30,000 ft on an L-1011
In-Reply-To: <2.2.32.19960831025547.006d4fbc@atl.mindspring.com>
Message-ID: <Pine.BSF.3.91.960903230726.21535H-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 30 Aug 1996, rwf wrote:

(snip)
> I played with APRS on the Delta Jet. I also played with Precision Mapping/GPS.
>
> I did not have a radio turned on, So I just played with the GPS and maps.
(snip)
> Sure would have been fun to have used a rig up there, but I tend to respect
> those rules!

As I understand it "those rules" specifically state that if an electronic
device is not specifically allowed to be operated, then it is prohibitied.
I also understand that is is the "operator" of the aircraft, not the
steward / stewardess, or pilot that must give permission. (ie. the
airline company)

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From rwf@mindspring.com Tue Sep 03 22:12:24 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA07910 for <aprssig@tapr.org>; Tue, 3
Sep 1996 22:12:15 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id XAA23844 for
<aprssig@tapr.org>; Tue, 3 Sep 1996 23:12:12 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id XAA04735 for
<aprssig@tapr.org>; Tue, 3 Sep 1996 23:12:09 -0400
Message-Id: <2.2.32.19960904031509.006fd734@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 03 Sep 1996 23:15:09 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4311] Toshiba 1910 Laptops???

Dub-Yo-Zeree-

Are you positive it is the computer and not just APRS keeping it toggled low?
I found that when I was only outputting a certain sentence (GGA, I think)
from the GPS, that APRS would appear to
lock up while waiting for HSP data. I think it actually displayrd a message
similar to "HSP port time out".

I changed the GPS to output RMC as well and APRS was happy again. I
mentioned this to Bob when I visited him at the Naval Academy last November
and he was going to look into it, but I'm not sure what happened.

In rereading your message, I see that you are using the Garmin, which gives
all the sentences you need (unless the XL is different from the regular 45)-
but I am going to send the message anyway in case anyone else is having the
problem I had.

Again: I worked around it myself, and Bob has probably already handled it
in the program.

ralph
rwf@mindspring.com

From rwf@mindspring.com Tue Sep 03 22:13:37 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA07912 for <aprssig@tapr.org>; Tue, 3
Sep 1996 22:12:18 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id XAA21355 for <aprssig@tapr.org>;
Tue, 3 Sep 1996 23:12:14 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id XAA04746 for

<aprssig@tapr.org>; Tue, 3 Sep 1996 23:12:11 -0400
Message-Id: <2.2.32.19960904031511.006d9ef4@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 03 Sep 1996 23:15:11 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4314] Re: Too much time on my hands....

At 01:09 AM 9/3/96 -0500, KU0G wrote:

>> So what do you think? Kansas City, BBQ, APRS all at once?

I am *always* up for BBQ (anything but Pork- just ask the Dallas Guys) and
lots of Sweet Iced Tea or Coca-Cola!
When is it (licking chops)

Ralph

From rbost@itexas.net Tue Sep 03 22:53:37 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA10474 for <aprssig@tapr.org>; Tue, 3
Sep 1996 22:53:35 -0500 (CDT)
Received: from rbost.itexas.net ([207.22.198.54]) by mailhost.itexas.net
          (post.office MTA v2.0 0813 ID# 0-12497) with ESMTP id AAA156
          for <aprssig@tapr.org>; Tue, 3 Sep 1996 22:55:07 -0500
From: rbost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4363] Re: WIDE,WIDE,WIDE?
Date: Tue, 3 Sep 1996 22:52:52 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19960904035507061.AAA156@rbost.itexas.net>

But that wouldn't be fair to those of us that live in thinly populated
APRS areas!
Down here it's not unusual to be 20-30 miles apart. Tonight I'm seeing
20-25 stations from Dallas to north of Houston. Three wides might get me
some more viewing area! Presently myy path statement is "relay, wide,
wide, gate". Don't know if that is proper or not but the only Gates are in
South Texas.

Roy Bost, N5TAM
Granbury, Tx.
rbost@itexas.net
32 25' 33"N   97 48' 59"W

From ronald@cyberstreet.com Tue Sep 03 22:58:09 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA10610 for <aprssig@tapr.org>; Tue, 3
Sep 1996 22:58:08 -0500 (CDT)
Received: from ronald.cyberstreet.com ([207.30.55.43])
          by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)
          with SMTP id AAA209 for <aprssig@tapr.org>;
          Wed, 4 Sep 1996 00:01:28 -0400
Message-Id: <2.2.32.19960904040031.00700724@mail.cyberstreet.com>
X-Sender: ronald@mail.cyberstreet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 04 Sep 1996 00:00:31 -0400
To: aprssig@tapr.org
From: Ronald Oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSIG:4323] Re: NDN: Re: DFjr connections with APRS
  (fwd)

At 07:11 AM 9/3/96 -0500, you wrote:
>Mailer-Daemon <Mailer-Daemon@teachnet.edb.utexas.edu>
>Mailer-Daemon wrote:
>>
>> Sorry. Your message could not be delivered to:
>>
>> aprs sig (The name was not found at the remote site. Check that the name has
>> been entered correctly.)
>>
>> --
>>
>> -=-
>> TeachNet, College of Education, University of Texas, Austin Texas
>> -=-
>
>Is anyone else getting these messages, this makes about a dozen this
>morning (In 2 hours).
>
>--
>   Check out my APRS Web Page.
>   Totally Devoted to APRS
>
>http://www.concentric.net/~wa8inz
>
>   \////
>   (o o)
>   *--o00-(_)-00o--*
>   Bill WA8INZ
>   wa8inz@cris.com
>   wa8inz@amsat.org
>
>

 Bill: I got a bunch of them down here too. No idea! PS: Did not see your

questionair on your webb page last night but count in as a helper with new people here in SW FL. I know the basics but am learning more as I go along.

ron/73/kd4ams
73 cu Ron"KD4AMS"

From kc5eib@gte.net Tue Sep 03 23:05:33 1996
Received: from mail.gte.net (mail.gte.net [206.124.64.251]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA11252 for <aprssig@tapr.org>; Tue, 3 Sep 1996 23:05:31 -0500 (CDT)
Received: from kc5eib (dfw69003.gte.net [206.124.69.3]) by mail.gte.net (951211.SGI.8.6.12.PATCH1042/950213.SGI.AUTOCF) via SMTP id XAA00126 for <aprssig@tapr.org>; Tue, 3 Sep 1996 23:03:45 -0500
Message-ID: <322CFFF8.1306@gte.net>
Date: Tue, 03 Sep 1996 23:05:12 -0500
From: Douglas Graves <kc5eib@gte.net>
X-Mailer: Mozilla 2.01E-compaq (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4333] Re: APRS at 30,000 ft on an L-1011 -Reply
References: <s22bed2c.070@novell.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug Nielson wrote:
>
> Please, spare us this speech...
>
> >>> Knut Finnevolden <knutf@mail.idt.net> 02 Sep 96 06:26 >>>
> rwf wrote:
> > I just got off the plane on my trip back from Florida. We held a lot due to
> > weather, so I had a chance to do something kind of neat:
> > I played with APRS on the Delta Jet. I also played with Precision
> Mapping/GPS.
> > I did not have a radio turned on, So I just played with the GPS and
> maps.
> > Here's what I did:
>
> [snip]
>
> Ralp,
> What you did seemed pretty COOL, but it was illegal and dangerous!!!
> As you obviously know, you may not use any receiver on board a
> commercial
> airplane (Federal Aviation Regulations). The pilot cannot even permit you
> to do it. A GPS is a receiver!! And you knew that!!
> So what did you do when you were showboating for the other
> passengers ??
> You could have endangered your and everybody elses lives, since it
> could
> have affected the onboard navigation system. Depending on the type of
> airplane you were in, some have OLD equipment. Be aware that in a
> holding

> pattern, the protected airspace around your aircraft is limited, and the
> pilots are expected to remain within. If they bust this, and it creates a
> conflict with another airplane, the pilots may have their license
> suspended for 30-90 days. That's a big fine (loss of income) for your
> showboating. Next time, if you are not sure, ask the pilot prior to using
> a receiver. Don't ask the flight attendant.
>
> 73.. Knut
> Airline Captain
>
> PS. If this had happened on my flight, I would have had you arrested for
> endangering everbody's lifes.

Dont know what airline you fly for but DELTA allows VHF-FM
receivers to be used on board, inflight but not during
take off or landing. Refer to the back of the Delta Mag
on the flight. Dont have a copy with me now but do remember
a ban on TV's among some other items

Doug.

From ronald@cyberstreet.com Tue Sep 03 23:08:15 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA11445 for <aprssig@tapr.org>; Tue, 3
Sep 1996 23:08:13 -0500 (CDT)
Received: from ronald.cyberstreet.com ([207.30.55.43])
          by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)
          with SMTP id AAA196 for <aprssig@tapr.org>;
          Wed, 4 Sep 1996 00:11:34 -0400
Message-Id: <2.2.32.19960904041036.0068ca1c@mail.cyberstreet.com>
X-Sender: ronald@mail.cyberstreet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 04 Sep 1996 00:10:36 -0400
To: aprssig@tapr.org
From: Ronald Oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSIG:4333] Re: APRS at 30,000 ft on an L-1011 -Reply

At 09:37 AM 9/3/96 -0500, you wrote:
>Please, spare us this speech...
>
>>>> Knut Finnevolden <knutf@mail.idt.net> 02 Sep 96 06:26 >>>
>rwf wrote:
>> I just got off the plane on my trip back from Florida. We held a lot due to
>> weather, so I had a chance to do something kind of neat:
>> I played with APRS on the Delta Jet. I also played with Precision
>Mapping/GPS.
>> I did not have a radio turned on, So I just played with the GPS and
>maps.
>> Here's what I did:
>
>[snip]

>
>Ralp,
>What you did seemed pretty COOL, but it was illegal and dangerous!!!
>As you obviously know, you may not use any receiver on board a
>commercial
>airplane (Federal Aviation Regulations). The pilot cannot even permit you
>to do it. A GPS is a receiver!! And you knew that!!
>So what did you do when you were showboating for the other
>passengers ??
>You could have endangered your and everybody elses lives, since it
>could
>have affected the onboard navigation system. Depending on the type of
>airplane you were in, some have OLD equipment. Be aware that in a
>holding
>pattern, the protected airspace around your aircraft is limited, and the
>pilots are expected to remain within. If they bust this, and it creates a
>conflict with another airplane, the pilots may have their license
>suspended for 30-90 days. That's a big fine (loss of income) for your
>showboating. Next time, if you are not sure, ask the pilot prior to using
>a receiver. Don't ask the flight attendant.
>
>73.. Knut
>Airline Captain
>
>PS. If this had happened on my flight, I would have had you arrested for
>endangering everbody's lifes.
>
>
>Haf you any relatifs in.......Chermany??????
73 cu Ron"KD4AMS"

From dhigdon@america.net Tue Sep 03 23:15:57 1996
Received: from atl1.america.net (atl1.america.net [199.170.121.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA11755 for <aprssig@tapr.org>; Tue, 3 Sep 1996
23:15:56 -0500 (CDT)
Received: from dhigdon.america.net (pm4-10.america.net [206.113.235.20]) by
atl1.america.net (8.7.5/8.7.3) with SMTP id AAA29986 for <aprssig@tapr.org>; Wed,
4 Sep 1996 00:15:07 -0400 (EDT)
Message-Id: <1.5.4.32.19960904041424.00708eac@america.net>
X-Sender: dhigdon@america.net
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 04 Sep 1996 00:14:24 -0400
To: aprssig@tapr.org
From: David Higdon <dhigdon@america.net>
Subject: Help with aprs "illegal function call"

Does anyone have a suggestion to help fix this problem? When attempting to
start
APRS the message "illegal function call at address 10f4:53bf" appears. What
does
this refer to and more importantly, how do I fix it? Thanks.

Dave Higdon KD4ICT
dhigdon@america.net

From DDOBBINS@aol.com Tue Sep 03 23:38:48 1996
Received: from emout17.mail.aol.com (emout17.mx.aol.com [198.81.11.43]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA13657 for <aprssig@tapr.org>; Tue, 3 Sep 1996 23:38:46 -0500 (CDT)
From: DDOBBINS@aol.com
Received: by emout17.mail.aol.com (8.6.12/8.6.12) id AAA24289 for aprssig@tapr.org; Wed, 4 Sep 1996 00:38:11 -0400
Date: Wed, 4 Sep 1996 00:38:11 -0400
Message-ID: <960904002236_515503709@emout17.mail.aol.com>
To: aprssig@tapr.org
Subject: REVISED PNW MAPS POSTED

New maps, and revised maps, covering the Pacific Northwest, have been posted to the TAPR APRS SIG upload area. The file is called PNWMAP09.ZIP, which also includes a MAPLIST.PNW file. Enjoy. Dave/WH6YC, PNW APRS Coordinator.

From wbliss@coastside.net Tue Sep 03 23:55:06 1996
Received: from poseidon (www.coastside.net [205.162.38.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA15639 for <aprssig@tapr.org>; Tue, 3 Sep 1996 23:54:59 -0500 (CDT)
Received: from LOCALNAME ([205.162.38.23]) by poseidon (8.6.11/8.6.12) with SMTP id VAA16739 for <aprssig@tapr.org>; Tue, 3 Sep 1996 21:50:14 -0700
Date: Tue, 3 Sep 1996 21:50:14 -0700
Message-Id: <199609040450.VAA16739@poseidon>
X-Sender: wbliss@mail.coastside.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>
Subject: APRS MAPS on Internet with javaAPRS

Hello to the Sig,
ATTN: Steve/KO4HD, Bob/WB4APR, Rich/N2CZF, Bill/WA8INZ, Bob/N6FRI.

Need some help, enlightenment on how you are linking active APRS area Maps to Internet connections, and using javaAPRS.

We have a Sailboat race "BAJA HA HA", from San Diego down coast to Cabo San Lucas, Oct 28th. Yachting magazine sponsoring race and wants to set up a WEB page, with active APRS maps. We will be in QSO and GPS tracking KN6KB/Rick S/V Second Wind, during race, possibly others and want to input APRS map with S/V posits, to the Race WEB page.

Have no idea of how you fellas are linking the active APRS map into your Internet addresses to be observed real time.

Does it require a dedicated phone link to your Net provider, and active continually, or does one dial up your URL and your computer is linked to your MAP actively. JUST HOW DO YOU DO THIS. ???.

I have downloaded javaAPRS, but cannot figure out how to use it. I cannot copy your java net inputs/info, as am using old Netscape Ver1.5.2 and

it says cannot read JAVA ..
    Do I have to have Netscape V3.o, can new MS-Explorer with Win3.1 read JAVA files. ?????
    What do I basically need to provide an APRS to a Web site for the Yachting world, for an active tracking down the Calif coast to Cabo San Lucas. ?????

     How do you get the APRS MAPS, to appear on your WEB sites.???

     Any help, ideas , thoughts , hint/kinks how to, would be greatly appreciated. Have read the javaAPRS instructions, but throughly confused as to how to use it. ??.
     Again thanks for any replies, or advice. Other than simple straight forward DOS operation, do not understand a lot about computers, programing, files, and still and old DOS only, operator. No Windos 95, struggle with using Win3.1..
     73's & Enjoy, Bill/WB6LPG ....also <bbliss@juno.com> for E-Mail only. NNNN

WBB/WB6LPG

From ku0g@sprynet.com Wed Sep 04 00:24:58 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA20832 for <aprssig@tapr.org>; Wed, 4 Sep 1996 00:24:56 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.246.253] (hd68-253.compuserve.com [199.174.246.253]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id WAA19006 for <aprssig@tapr.org>; Tue, 3 Sep 1996 22:22:13 -0700
Date: Tue, 3 Sep 1996 22:22:13 -0700
Message-Id: <199609040522.WAA19006@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:4317] Re: Too much time on my hands....
To: aprssig@tapr.org
In-Reply-To: <1370409818-4130617@email.firecraker.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

I'm hoping that I can get away for at least ONE day of the Peoria gig, but it doesn't look like it right now...Gonna try REAL hard, though!!!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Wed Sep 04 00:30:47 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id AAA22284 for <aprssig@tapr.org>; Wed, 4 Sep 1996 00:30:45 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.246.253] (hd68-253.compuserve.com [199.174.246.253]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id WAA20327 for <aprssig@tapr.org>; Tue, 3 Sep 1996 22:28:02 -0700
Date: Tue, 3 Sep 1996 22:28:02 -0700
Message-Id: <199609040528.WAA20327@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:4332] Re: Too much time on my hands....
To: aprssig@tapr.org
In-Reply-To: <Pine.GSO.3.95.960903103240.1216C-100000@arctic>
X-Mailer: SPRY Mail Version: 04.00.06.21

Yes, Dayton, INDEED! I'm suggesting an APRS-ONLY event (of course it would eventually become a MAJOR hamfest as more and more amateurs take up APRS!)...Am I just going overboard with this (Bob, comment???). All I can say is that by year's end we should have I-29 and I-35 covered across Missouri, I-70 to the east and something out west in Kansas. It would be a real site to have a couple hundred APRS mobiles careening wildly (usually the result of putting eyes on the computer more often than on the road then realizing it!) toward Kansas City...

Still looking for more comments. So far it's about 6:1 in strong favor....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Wed Sep 04 00:36:42 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA24011 for <aprssig@tapr.org>; Wed, 4 Sep 1996 00:36:38 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.246.253] (hd68-253.compuserve.com [199.174.246.253]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id WAA21632 for <aprssig@tapr.org>; Tue, 3 Sep 1996 22:33:55 -0700
Date: Tue, 3 Sep 1996 22:33:55 -0700
Message-Id: <199609040533.WAA21632@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:4340] Getting the NWS interested?!
To: aprssig@tapr.org
In-Reply-To: <199609031828.NAA01106@bulldog.afsc.k12.ar.us>
X-Mailer: SPRY Mail Version: 04.00.06.21

On Tue, 3 Sep 1996, "J. Scott Ratchford, KC5JGV"
<jratchf@bulldog.afsc.k12.ar.us> wrote:
>Just a few questions! And please answer before noon tommorrow! (Sorry for
>the short notice but we have a "eye to eye" tomm. with the NWS)

>How do I get the NWS interested in using APRS as an alternative to a
>failed SKYWARN (Voice)Net?

Show them the software in an easy session. Demonstrate the WX.BAK file and play the track history for them. Explain how a mobile station in the field can place himself on the map and the APRS station at NWS will instantly see the exact location of the spotter without having to rely on the driver to describe where he/she is. Demonstrate the one-liner messages and bulletins and PARTICULARLY make a demonstration of the NWS symbology for WX objects (W - U Weather, Use NWS symbols commands)

>How do I get the HAMS involved?

Good LUCK! Same way. Go to every club meeting. Give away software. Do live demonstrations. Nothing sells new users like seeing the software actually plot a packet on the map!!!

>Who has successfully installed and has a good working APRS SKYWARN NET?\

Moline, Ill (Quad Cities), Milwaukee, Des Moines in the Midwest....There's a start....

>Any suggestions, help, comments, gripes, complaints, ect. ect. will help!
>--
>J. Scott Ratchford - KC5JGV - Marshall, Arkansas
>* North Arkansas Amateur Radio Society, Inc.
>* Marshall Volunteer Fire Dept./EMS First Responder
>* Calf Creek Lodge #426
>* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club
>
>
Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Wed Sep 04 00:39:27 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA24347 for <aprssig@tapr.org>; Wed, 4 Sep 1996 00:39:25 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.246.253] (hd68-253.compuserve.com [199.174.246.253]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id WAA22101 for <aprssig@tapr.org>; Tue, 3 Sep 1996 22:36:43 -0700
Date: Tue, 3 Sep 1996 22:36:43 -0700
Message-Id: <199609040536.WAA22101@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:4344] Re: APRS at 30,000 ft on an L-1011 -Reply
To: aprssig@tapr.org
In-Reply-To: <2.2.32.19960903151412.003219e4@dgps.com>

X-Mailer: SPRY Mail Version: 04.00.06.21

We've been over this ground before, folks. Any type of radio receiver can cause the navigational equipment malfunction or misinterpret data it receives due to spurious emissions (birds). Best suggestion I can make is: Buy your own plane and go from there. While the pilots response was a little terse, he IS right.

Better get permission from the pilot first. You're lucky somebody didn't confiscate your equipment!
Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From EPU@wmfs.telme.com Wed Sep 04 05:28:46 1996
Received: from PhoneLink.COM (m325.PhoneLink.COM [193.195.138.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA04729 for <aprssig@tapr.org>; Wed, 4 Sep 1996 05:28:28 -0500 (CDT)
Received: from tmrelay.prod.phonelink.com by mailgate.PhoneLink.COM id aa04681;
          4 Sep 96 11:25 BST
Date: Wed, 04 Sep 1996 11:25:45 BST
From: Bob Sayers <EPU@wmfs.telme.com>
Subject: APRS in the UK
To: aprssig@tapr.org
X-Mailer: Tel-Me E-Mail
Message-Id: <194675@tmrelay.prod.phonelink.com>

I've recently rejoined the SIG after a break of a couple
of months due to changing our 'Net provider.

I'm keen to make contact with an APRS users in the UK
(and potentially in the rest of Europe) with a view to
discussing availability of maps, etc - could any
European SIG readers please contact me at:

epu@wmfs.telme.com

regards,

Bob Sayers
Emergency Planning Unit
West Midlands Fire Service
Birmingham, UK

West Midlands Fire Service Emergency Planning Unit
Fire Service Headquarters, Lancaster Circus Queensway,
Birmingham B4 7DE   'phone: 0121-380-7611

     Via Tel-Me Internet E-Mail

From jleonard@tbcnet.com Wed Sep 04 07:20:30 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA08039 for <aprssig@tapr.org>; Wed, 4 Sep 1996 07:20:28 -0500 (CDT)
Received: from PR143.tbcnet.com (PR143.tbcnet.com [207.112.227.43]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id HAA00069 for <aprssig@tapr.org>; Wed, 4 Sep 1996 07:20:35 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR143.tbcnet.com [207.112.227.43] didn't use HELO protocol
Message-Id: <1.5.4.32.19960904122009.006def20@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 04 Sep 1996 07:20:09 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:4361] RE: Pico TNC-Help

OK Roger, here's the answer from the same problem somebody had on another list:

>From the Aug issue of PC Computing magazine.
>
>Quoting them, referring to Windows 95 and MS Exchange:
>
>"Q: All of my messages have an equal sign (=) at the end of each line, and many of them are going out with RTF attachments (jbl - that probably explains the strange #'s you're seeing). How do I send plain text?
>
>"A: Your correspondents are seeing "quoted printable MIME formatting" in its raw form. To get rid of it, click on the MESSAGE FORMAT on the INTERNET MAIL properties sheet and uncheck the USE MIME box."
>
>

>
>jbl

>>begin 600 WINMAIL.DAT
>>M>)\^(C4-`0:0" `$```````!``$``0>0!@`(````Y 0```````#H``$-@ 0`
>> .... much snipped....
>>end
>>
>>
> AARRRRRRGGGGGHHHHH..... !!!!
> Someone is using Microsoft Explorer. Please fix this so it's not attached
>to every message you send. I'm not sure of the source. I know we went thru
>this some time ago. A knowledgeable individual please advise the source how
>to "FIX" this. I forgot or I'd rely to them directly myself.

>
>73,
>
>Roger Sellers
>Amateur Radio: KB9LBU
>E-Mail Home: rsellers@firecraker.com
>E-Mail Work: rsellers@snds.com
>

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
American Red Cross Disaster Services - DeKalb Co Chapter
DR444 DR157

From ksproul@hardees.rutgers.edu Wed Sep 04 07:30:45 1996
Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA08144 for <aprssig@tapr.org>; Wed, 4 Sep 1996
07:30:42 -0500 (CDT)
Received: (from ksproul@localhost) by hardees.rutgers.edu
(8.6.12+bestmx+oldruq+newsunq/8.6.12) id IAA15423; Wed, 4 Sep 1996 08:30:37 -0400
Sender: Keith Sproul <ksproul@hardees.rutgers.edu>
Date: Wed, 4 Sep 96 8:30:37 EDT
From: Keith Sproul <ksproul@hardees.rutgers.edu>
Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>
To: <EPU@wmfs.telme.com>
Cc: aprssig@tapr.org
Subject: RE: APRS in the UK (Maps)
Message-ID: <CMM-RU.1.5.841840237.ksproul@hardees.rutgers.edu>

I can provide WinAPRS/MacAPRS maps of anyplace in the world from the DCW
(Digital Chart of the World) CD-ROMS.. Check out:

http://msproul.rutgers.edu/APRS/Maps.htm

For an example of what they look like.

If there is a need for these, I can create them and put them up on the TAPR
ftp site.

Keith Sproul

Keith Sproul   Ham Radio: WU2Z
Student Housing Network Coordinator   ksproul@noc.rutgers.edu
Rutgers University Computing Services   908 445-3695 Work 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul/   908 821-4828 Home

From w2g3zfj@unix.asb.com Wed Sep 04 07:50:40 1996
Received: from unix.asb.com (root@unix.asb.com [165.254.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA09212 for <aprssig@tapr.org>; Wed, 4 Sep 1996
07:50:38 -0500 (CDT)

Received: from asb23 (sls13.asb.com [165.254.128.23]) by unix.asb.com
(8.6.12/8.6.9) with SMTP id JAA19431 for <aprssig@tapr.org>; Wed, 4 Sep 1996
09:15:12 -0400
Date: Wed, 4 Sep 1996 09:15:12 -0400
Message-Id: <199609041315.JAA19431@unix.asb.com>
X-Sender: w2g3zfj@unix.asb.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: bob <w2g3zfj@unix.asb.com>
Subject: Re: [APRSSIG:4378] APRS in the UK

Hi Bob

I have made several maps of the UK and have distributed them to a couple of
guys in Cheshire and East Anglia. I believe that Cheshire Raynet is quite
active with APRS. Let me know if you find any more interest and if you want
a copy of the maps I have.

73 de bob w2/g3zfj
w2g3zfj@unix.asb.com

At 05:42 04/09/96 -0500, you wrote:
>I've recently rejoined the SIG after a break of a couple
>of months due to changing our 'Net provider.
>
>I'm keen to make contact with an APRS users in the UK
>(and potentially in the rest of Europe) with a view to
>discussing availability of maps, etc - could any
>European SIG readers please contact me at:
>
>epu@wmfs.telme.com
>
>
>regards,
>
>Bob Sayers
>Emergency Planning Unit
>West Midlands Fire Service
>Birmingham, UK
>
>
>
>West Midlands Fire Service Emergency Planning Unit
>Fire Service Headquarters, Lancaster Circus Queensway,
>Birmingham B4 7DE   'phone: 0121-380-7611
>-----------------------------------
>   Via Tel-Me Internet E-Mail
>-----------------------------------
>
>
>

>

From sproul@ap.org Wed Sep 04 08:16:54 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id IAA10236 for <aprssig@tapr.org>; Wed, 4 Sep 1996 08:16:52 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
     id JAA02219; Wed, 4 Sep 1996 09:11:55 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007801ae532b8ef959@[165.1.27.20]>
In-Reply-To: <199609040211.VAA03137@kato.theramp.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 4 Sep 1996 08:56:32 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:4360] Re: Too much time on my hands....

>Well I am speaking or my self and Chgo but lets do it!!!!!! We could have
>sessions from novice to expert user and Active demenstrations Make it when
>it is cool but not cold. Also computer suppliers could be invited
>
>
>

I both agree and disagree. First, there are several local APRS groups
already in operation, having local or regional meetings etc. are highly
encouraged.

On the disagree side, I concur with Bob Bruninga, "isn't it called Dayton".
As it is there is Dayton, the DCC, the Annual ARRL convention, Keith tries
to attend ALL of these and in fact IS attending ALL 3 this year, most years
he does make it to Dayton AND DCC (not the ARRL convention). If a
"National APRS" meeting was held, we would of course feel obligated to
attend and there are only so many weeks in a year.

Mark

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From sdimse@bridge.net Wed Sep 04 08:36:57 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA11291 for <aprssig@tapr.org>; Wed, 4 Sep 1996
08:36:53 -0500 (CDT)
Received: from (ppp-mia2-83.bridge.net [204.253.4.83]) by bridge.net (8.7.5/8.7.3)
with SMTP id JAA21071; Wed, 4 Sep 1996 09:33:50 -0400 (EDT)
Message-Id: <199609041333.JAA21071@bridge.net>

Subject: Re: [APRSSIG:4373] APRS MAPS on Internet with javaAPRS
Date: Wed, 4 Sep 96 09:36:53 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>, <wbliss@coastside.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

> Need some help, enlightenment on how you are linking active APRS area
>Maps to Internet connections, and using javaAPRS.
>
> We have a Sailboat race "BAJA HA HA", from San Diego down coast to
>Cabo San Lucas, Oct 28th. Yachting magazine sponsoring race and wants to
>set up a WEB page, with active APRS maps. We will be in QSO and GPS tracking
>KN6KB/Rick S/V Second Wind, during race, possibly others and want to input
>APRS map with S/V posits, to the Race WEB page.

This is exactly the sort of thing javAPRS is great for.

> Have no idea of how you fellas are linking the active APRS map into
>your Internet addresses to be observed real time.
> Does it require a dedicated phone link to your Net provider, and active
>continually, or does one dial up your URL and your computer is linked to
>your MAP actively. JUST HOW DO YOU DO THIS. ???.

For now, the two locations that feature live data data have direct
connection to the internet. Neither of these two methods is released to
the public (One uses an OS/2 program to server the data live, the other
uploads files with the latest data onto a web server). I am working on a
system that will allow dial-up users to dump their reports to the
network, but it is months away from release.

However, for what you want to do, there is an 'easy' way to do it,
assuming there is someone on land who gets the position reports by
whatever means. These can be entered manually into a file and placed on
the web server for access.

The biggest problem with doing really cool stuff with Java is the
security. The applet, and all the data, must come from a single internet
address. You can't run the applet from your hard disk and get data from a
web server somewhere else (at least if you are using a web browser like
Navigator or Internet Explorer).

> I have downloaded javaAPRS, but cannot figure out how to use it. I
>cannot copy your java net inputs/info, as am using old Netscape Ver1.5.2 and
>it says cannot read JAVA ..

In the latest versions of javAPRS, there is a file javAPRSprog.html which
contains instructions on setting it up. There is no Java applet in this
page, and it should be readable in any browser. You can view it online at:

http://www.bridge.net/~sdimse/javAPRSprog.html

>   Do I have to have Netscape V3.o, can new MS-Explorer with Win3.1 read
>JAVA files. ?????

I believe that the new IE can do Java, but I'm a Mac guy, so I don't know for sure. All platforms with Netscape Nav 3.0 support Java though.

>   What do I basically need to provide an APRS to a Web site for the
>Yachting world, for an active tracking down the Calif coast to Cabo San
>Lucas. ?????
>
1. You need a WWW server on the web. It does not need to know anything about Java, the server just sends the applet files as it would any other data. If you have someplace you can create a home page from your internet provider, that is good enough.

2. You need javaprs.zip from the TAPR server. Upload the javAPRS directory to the directory on your web server where the html file will be. You can strip out any of the data files you don't need (.hst, .nmea, and .tnc), and any maps in the /maps directory you don't want.

3. You need one or more APRS maps that cover the area you want to display. Put these in the maps directory that is within the javAPRS directory. Be sure to change the suffix to .mp, as .map has a special meaning to some Web servers.

4. Write your html file. See the instructions in javAPRSprog.html, and look at the example html files. Feel free to lift anything in them you want to, especially the command summary in soeast.html. Be sure you set the parameters to use your map and data files. Be sure you add a link to my page and email me with the address of your site, per the licensing requirements (see javAPRSprog.html).

5. Get your data onto the server. Use a filename ending with .tnc, for example race.tnc. The data is simply what would come out of a TNC. Look at the trip.tnc file in the javAPRS.zip package for examples. The data formats must be followed exactly. Put the datafile within the javAPRS folder. As posit reports come in, someone needs to add them to the file, and upload the changes to the server.

>   Any help, ideas , thoughts , hint/kinks how to, would be greatly
>appreciated. Have read the javaAPRS instructions, but throughly confused
>as to how to use it. ??.

Nothing good is ever easy! ;-)

>   Again thanks for any replies, or advice. Other than simple straight
>forward DOS operation, do not understand a lot about computers, programing,
>files, and still and old DOS only, operator. No Windos 95, struggle with
>using Win3.1..

I have posted this message to the sig because I thought others might like to see the answers. If you have further questions about javAPRS, please

send them to me directly so as not to waste the sigs bandwidth.

Bill, look for me later this month, after I drive to Seattle for the Digital Communication Conference I'll be heading south on PCH to visit friends and family in SoCal. Maybe I'll stop by and give you a hands on lesson in javAPRS!

73 de Steve

From schiers@ames.net Wed Sep 04 08:37:21 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA11311 for <aprssig@tapr.org>; Wed, 4 Sep 1996 08:37:20 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609041337.IAA11311@tapr.org>
Received: from [206.29.126.237] by ames.net id 446d0.wrk; Wed, 4 Sep 1996 08:35:28 -0600
Date: Wed, 04 Sep 96 08:34:40 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4363] Re: WIDE,WIDE,WIDE?
In-Reply-To: <789431@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.1

In <789431@bbs.ames.net>, on 09/03/96 at 09:52 PM,
   aprssig@tapr.org said:

> Most everyone is using an Unproto path with at LEAST
>>three WIDE's....I thought that was a NO-NO.

How many wides are used is determined by local net density and topography. Here in central Iowa the standard is 3 wides. If we didn't do this, our net would be about five stations, instead of nearly 30. We coordinate our activity with the guys in northern MO and all is working well. We have received zero complaints.

There is no hard and fast rule. It depends on the situation and the coordination/cooperation of those people in the coverage area.

Hamstringing the software to enforce some arbitrary standard that does not apply to unique environments is a TERRIBLE idea.

73,

hasan schiers, N0AN--
---
schiers@ames.net

From bruninga@nadn.navy.mil Wed Sep 04 08:56:42 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA12402 for <aprssig@tapr.org>; Wed, 4 Sep 1996 08:56:38 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil

(8.7.5/8.7.3) with SMTP id KAA02938 for <aprssig@tapr.org>; Wed, 4 Sep 1996 10:01:37 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 4 Sep 1996 10:01:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4371] Help with aprs "illegal function call"
In-Reply-To: <1.5.4.32.19960904041424.00708eac@america.net>
Message-ID: <Pine.GSO.3.95.960904100042.29253D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Sep 1996, David Higdon wrote:

> APRS the message "illegal function call at address 10f4:53bf" appears. What
> does this refer to and more importantly, how do I fix it? Thanks.

APRSdos REPLY/COMMENT: You probably have a non standard video card. It
must be CGA, EGA, or VGA. Not hercules or whatever...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From dkaplan@pionet.net Wed Sep 04 09:07:18 1996
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA13224 for <aprssig@tapr.org>; Wed, 4 Sep 1996 09:07:16 -0500 (CDT)
Received: from pm1_122.pionet.net by ELWOOD.pionet.net;
(5.65v3.0/1.1.8.2/03Oct95-1046AM)
     id AA26688; Wed, 4 Sep 1996 09:14:58 -0500
Date: Wed, 4 Sep 1996 09:14:58 -0500
Message-Id: <9609041414.AA26688@ELWOOD.pionet.net>
X-Sender: dkaplan@elwood.pionet.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Dave Kaplan <dkaplan@pionet.net>
Subject: Re: [APRSSIG:4375] Re: Too much time on my hands....

At 12:36 AM 9/4/96 -0500, you wrote:
>Yes, Dayton, INDEED!

I'll operate airmobile into KC!

WB0WNX-7
Dave

From bruninga@nadn.navy.mil Wed Sep 04 09:11:58 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA13460 for <aprssig@tapr.org>; Wed, 4 Sep 1996 09:11:56 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA06039; Wed, 4 Sep 1996 10:16:55 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 4 Sep 1996 10:16:54 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
cc: 100321.1327@compuserve.com
Subject: Re: [APRSSIG:4378] APRS in the UK
In-Reply-To: <194675@tmrelay.prod.phonelink.com>
Message-ID: <Pine.GSO.3.95.960904101405.29253H-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 4 Sep 1996, Bob Sayers wrote:

> I'm keen to make contact with an APRS users in the UK
> (and potentially in the rest of Europe) with a view to
> discussing availability of maps, etc - could any
> European SIG readers please contact me at: epu@wmfs.telme.com
>
> Bob Sayers, Emergency Planning Unit, West Midlands Fire Service
> Birmingham, UK   B4 7DE   'phone: 0121-380-7611

APRSdos REPLY/COMMENT: I forwarded your message to Mike Tyrrell who is an
APRS users in the UK, but he doesnt subscribe to the SIG...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

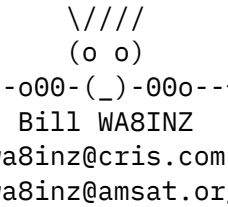
From wa8inz@cris.com Wed Sep 04 09:24:21 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA14382 for <aprssig@tapr.org>; Wed, 4
Sep 1996 09:24:18 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id KAA23198; Wed, 4 Sep 1996 10:23:39 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc801180.concentric.net [206.83.64.180])
     by cliff.cris.com (8.7.5)
     id KAA26244; Wed, 4 Sep 1996 10:18:53 -0400 (EDT)
Message-ID: <322DABEA.7099@cris.com>
Date: Wed, 04 Sep 1996 09:18:50 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4375] Re: Too much time on my hands....
References: <199609040528.WAA20327@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ku0g@sprynet.com wrote:
>
> Yes, Dayton, INDEED! I'm suggesting an APRS-ONLY event (of course it would
> eventually become a MAJOR hamfest as more and more amateurs take up APRS!)...Am
> I just going overboard with this (Bob, comment???). All I can say is that by
> year's end we should have I-29 and I-35 covered across Missouri, I-70 to the
> east and something out west in Kansas. It would be a real site to have a couple
> hundred APRS mobiles careening wildly (usually the result of putting eyes on the
> computer more often than on the road then realizing it!) toward Kansas City...
>
> Still looking for more comments. So far it's about 6:1 in strong favor....
>
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com

Of course you would have it in Kansas, but i think it should be in an area of most
APRS activity, not because that's where you sre located ;-)

No flame just joking Hi.
--
   Check out my APRS Web Page.
    Totally Devoted to APRS

http://www.concentric.net/~wa8inz



Bill WA8INZ
wa8inz@cris.com
wa8inz@amsat.org

From wa8inz@cris.com Wed Sep 04 09:29:38 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA14757 for <aprssig@tapr.org>; Wed, 4
Sep 1996 09:29:37 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id KAA24339; Wed, 4 Sep 1996 10:28:59 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc801180.concentric.net [206.83.64.180])
     by cliff.cris.com (8.7.5)
     id KAA27523; Wed, 4 Sep 1996 10:29:34 -0400 (EDT)
Message-ID: <322DAE6B.316@cris.com>
Date: Wed, 04 Sep 1996 09:29:31 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0

To: aprssig@tapr.org
Subject: Re: [APRSSIG:4341] Re: APRS
References: <322C7F77.2C0C@cyberenet.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Derderian wrote:
>
> Now THAT would be cool! I would like to see them crusing around the
> country.
>
> By the way, for those of you who haven't made it to Bill's webpage, he
> has done a really nice job! Congrats to you Bill.
>
> Bob, n2iph
> '94 Lightning build #3541

Thanks Bob and others for your compliments, I have changed my background
to plain old GRAY for two reasons, loads faster and makes reading text
easy, and since i'm trying to stir up interest in APRS i figured that of
course is the whole idea behind the page. I have been receiving many
offers from APRS users that are willing to be mentors in their area and
will be adding all of them in the next couple of days. Thanks to those
that are willing to help new potential long time APRS users.
Thanks to everyone on the sig.

--
   Check out my APRS Web Page.
    Totally Devoted to APRS

http://www.concentric.net/~wa8inz

```
             \////
             (o o)
       *--o00-(_)-00o--*
          Bill WA8INZ
        wa8inz@cris.com
        wa8inz@amsat.org
```

From bruninga@nadn.navy.mil Wed Sep 04 09:36:43 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA15323 for <aprssig@tapr.org>; Wed, 4
Sep 1996 09:36:40 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA10008 for <aprssig@tapr.org>; Wed, 4 Sep 1996
10:41:39 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 4 Sep 1996 10:41:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: WeatherMAX
Message-ID: <Pine.GSO.3.95.960904104024.9189B-100000@arctic>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone have a WeatherMAX by Maximum Inc? It appears to be similar to
the Ultimeter and Davis instruments...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From wmn3@dfw.net Wed Sep 04 09:46:04 1996
Received: from dfw.dfw.net (root@dfw.dfw.net [198.175.15.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA15683 for <aprssig@tapr.org>; Wed, 4 Sep 1996
09:46:02 -0500 (CDT)
Received: from by dfw.dfw.net (4.1/SMI-4.1)
     id AB02625; Wed, 4 Sep 96 09:45:14 CDT
Message-Id: <9609041445.AB02625@dfw.dfw.net>
From: "Bill Neal/N0NSA" <wmn3@dfw.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4359] Which GPS for me?
Date: Wed, 4 Sep 1996 08:02:46 -0500
X-Msmail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

John and the Group;
To relieve yourself of the weight of a KPC-3, you may want to read the info
Bob has included with APRS about Mic-Encoders (found in
C:\aprs\readme\vox-aprs.txt). If the family want's to reach you via voice
AND wants to know just where you are, this idea would save you the extra
load of a TNC and another radio.

Bob goes into some pretty fancy ideas, which sound neat. You could do it
with much less complexity. But for just a station or two on a simplex
frequency, you'd only need the full TNC at the house along with the
"standard" radio/computer equipment.

While on the bicycle a Mic-Encoder built into a speaker microphone, a
radio, and a GPS receiver would do just dandy for portable use. This is
for installations where you won't/can't have a laptop to watch yourself,
ie., on the bike!

Although, thinking about it... If you drive your car to a bike trail, then
ride the bike, you could do the Mic-Encoder on the Bike, and a standard
APRS setup in the car AND make it a RELAY to the house!

Good luck on the type of GPS receiver. Cheers, Bill Neal
http://www.dfw.net/~wmn3/

> From: JohnN2YHK@aol.com

> Date: 3 September 1996 21:03
>
> Hello All,
---SNIP!
> I would like to purchase a GPS unit to take with me in the car and on the
50+
> miles of bikepath around Burlington, VT. It would be primarily to track
> myself from the computer at home. I have never looked into purchasing a
unit
> before. Which one is for me?
---SNIP!
> Thanks in Advance!
>
> 73 de John, N2YHK/1

From Paul_Moller@csg.mot.com Wed Sep 04 11:02:59 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA21404 for <aprssig@tapr.org>; Wed, 4 Sep 1996
11:02:58 -0500 (CDT)
Received: from mothost.mot.com (mothost.mot.com [129.188.137.101]) by
motgate2.mot.com (8.7.3/8.6.10/MOT-3.8) with ESMTP id PAA02305 for
<aprssig@tapr.org>; Wed, 4 Sep 1996 15:59:01 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by
mothost.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id LAA00751 for
<aprssig@tapr.org>; Wed, 4 Sep 1996 11:02:24 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by
OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id LAA22078 for <aprssig@tapr.org>;
Wed, 4 Sep 1996 11:13:47 -0500
Message-Id: <3.0b15.32.19960904110404.006c4194@144.188.134.33>
X-Sender: mollpj@144.188.134.33
Disposition-Notification-To: <Paul_Moller@csg.mot.com>
X-Mailer: Windows Eudora Pro Version 3.0b15 (32)
Date: Wed, 04 Sep 1996 11:04:05 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: 9K6 baud inter-city
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Who is working on or thinking about the possibility of a 9600 baud aprs
link between cities. I would like to get involved, but think that the
technical discussions should be held off line for a while. Please email me
direct. Thanks.

Paul_Moller@csg.mot.com

Paul Moller
Motorola CSG
847-523-5210
Motorola pager #7378

From wendysue@global2000.net Wed Sep 04 11:11:39 1996
Received: from mail.global2000.net (mail.global2000.net [198.69.121.4]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA22053 for <aprssig@tapr.org>; Wed, 4 Sep 1996 11:11:38 -0500 (CDT)
Received: from test.global2000.net (dialup-18.global2000.net [205.247.145.118]) by mail.global2000.net (8.7.5/8.6.9) with SMTP id MAA05771 for <aprssig@tapr.org>; Wed, 4 Sep 1996 12:11:36 -0400
Message-ID: <322DAA47.743A@global2000.net>
Date: Wed, 04 Sep 1996 12:11:51 -0400
From: John M Domblewski <wendysue@global2000.net>
Organization: Mobile Office Services
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS convention
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all

I tend to agree with Bob and Mark. A Higher Profile at Dayton will have far greater effect. A specialized national meeting is
most likely attended by those already interested. A forum at Dayton on the other hand is likely to be attended by many that
are just curious. Some of these people will get involved and broaden the base of APRS operators. To satisfy the power or
advanced users a meeting like was held a couple of years ago at Dayton in the communitee room of that apartment complex is
the way to go. With all the time constrants of many of us I believe that the results would be better if we maximize the
current situations first.

Also another way is to make APRS better known is buy attacking the regional hamfests in the exact same manner. Also If you
feel confident ask your local club if you can make a meeting presentation. Most clubs would fall over dead if someone asked
them. They're begging for people to do meetings.

Just some of my thoughts. Forgive the long windedness(sp!).

TNX & 73

John << N2OJY >>

From jratchf@bulldog.afsc.k12.ar.us Wed Sep 04 11:15:15 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA22329 for <aprssig@tapr.org>; Wed, 4 Sep 1996 11:15:12 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us [170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id LAA20228 for <aprssig@tapr.org>; Wed, 4 Sep 1996 11:15:16 -0500
Message-Id: <199609041615.LAA20228@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:4382] Re: Too much time on my hands....
Date: Wed, 4 Sep 1996 11:13:48 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> >Well I am speaking or my self and Chgo but lets do it!!!!!! We could

have
> >sessions from novice to expert user and Active demenstrations Make it
when
> >it is cool but not cold. Also computer suppliers could be invited
> >
> I both agree and disagree. First, there are several local APRS groups
> already in operation, having local or regional meetings etc. are highly
> encouraged.
>
> On the disagree side, I concur with Bob Bruninga, "isn't it called
Dayton".
> As it is there is Dayton, the DCC, the Annual ARRL convention, Keith
tries
> to attend ALL of these and in fact IS attending ALL 3 this year, most
years
> he does make it to Dayton AND DCC (not the ARRL convention). If a
> "National APRS" meeting was held, we would of course feel obligated to
> attend and there are only so many weeks in a year.
> Mark Sproul |Amateur Radio: KB2ICI
>
Good Point! However, APRS is rapidly becoming the #1 choice for new hams
in packet. Think about it. Young hams, new hams, are raised looking at
computers, graphics, and such. If you think your going to get those (kids)
interested in ham packet without the (bells and whistles) graphics (dos or
winders) your only fooling yourself. For us that have been in the
transition phase of all this, we get excited over a new symbol or function
that is added.
Computerists (a term I like to use to include all people especially the
younger ones that use computers daily) are much more "glassy eyed" when it
comes to packet (APRS) then us hams, and understandably so! They want
"gotta have it" stuff that no one else has (yet) and they want it now! We
on the other hand have learned (I hope) that these things take time to
develop and need to!

OOPS got off the subject didn't I? (Too much time on MY hands!) I'd like
to see a "mid-america" APRS gathering started and repeated each year. For
the simple reason that the more we get the word out the more users and
ideas we are bound to harvest!

(Sorry 'bout the spelling, I'z waz edumekated in Arkysaw!)

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From ronald@cyberstreet.com Wed Sep 04 15:52:51 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA04078 for <aprssig@tapr.org>; Wed, 4 Sep 1996 15:52:50 -0500 (CDT)
Received: from ronald.cyberstreet.com ([207.30.55.37])
          by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)
          with SMTP id AAA160 for <aprssig@tapr.org>;
          Wed, 4 Sep 1996 16:56:25 -0400
Message-Id: <2.2.32.19960904205517.0070bfe0@mail.cyberstreet.com>
X-Sender: ronald@mail.cyberstreet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 04 Sep 1996 16:55:17 -0400
To: aprssig@tapr.org
From: Ronald Oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSIG:4360] Re: Too much time on my hands....

 Build it - and they will come. At least I will!   ron/kd4ams/SW FL..

At 09:23 PM 9/3/96 -0500, you wrote:
>Well I am speaking or my self and Chgo but lets do it!!!!!! We could have
>sessions from novice to expert user and Active demenstrations Make it when
>it is cool but not cold. Also computer suppliers could be invited
>
>
>
>Mark N9VDQ
>
>At 11:54 PM 9/2/96 -0500, you wrote:
>>Had a MOST enjoyable lunch with KB9LBU and WA9FFL in Rochelle, Illinois,
>Monday
>>afternoon as I departed Chicago for Kansas City...It occured to me that
>meeting
>>face-to-face is good for all of us....
>>
>>Then, a bolt from the blue (actually a smack from Karla!) gave me an idea....
>>
>>Wouldn't a NATIONAL APRS GATHERING be a NEAT event???? I'll even go so
far as
>>to say that the Kansas City APRS Working Group would be willing to host
>such an

>>event. There is certainly an ample supply of hotel/motel space with meeting
>>rooms here, not to mention a fairly mature APRS network operating.
>>
>>We could set up over a three-day weekend, I'd suggest, and bring in Bob and
>the
>>Sproul Brothers, surely we could get the usual support from the various
>>APRS-affiliated suppliers like PacComm, Kantronics, Garmin (I can pretty well
>>guarantee and BIG Garmin presence if we did it here) and others...
>>
>>Anybody have any comments?
>>
>>So what do you think? Kansas City, BBQ, APRS all at once? Only way it
>could get
>>any better is if the beer was free!!!
>>
>>Comments welcome!!!
>>
>>Best 73,
>>Jim Duncan, KU0G
>>APRS--Kansas City Coordinator
>>EMail: ku0g@sprynet.com
>>
>>
>
>
73 cu Ron"KD4AMS"

From theojkat@voicenet.com Wed Sep 04 16:40:19 1996
Received: from mail.voicenet.com (mail.voicenet.com [207.103.0.37]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA05535 for <aprssig@tapr.org>; Wed, 4 Sep 1996
16:40:16 -0500 (CDT)
Received: from eagle1 (phila226-pri.voicenet.com [207.103.124.155]) by
mail.voicenet.com (8.7.5/8.6.12) with SMTP id RAA25659 for <aprssig@tapr.org>;
Wed, 4 Sep 1996 17:06:01 -0400 (EDT)
Message-Id: <1.5.4.32.19960904210314.0066d770@voicenet.com>
X-Sender: theojkat@voicenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 04 Sep 1996 17:03:14 -0400
To: aprssig@tapr.org
From: "Theodore J. Katz" <theojkat@voicenet.com>
Subject: Re: [APRSSIG:4345] Re: ACARS

At 05:34 PM 9/3/96 -0500, you wrote:
>On Tue, 3 Sep 1996, Theodore J. Katz wrote:
>
>> I am a registered (aprs) Where is Aprsair.exe ???
>> Ted Katz N3OWM,Phila,Pa
>
>APRSdos REPLY/COMMENT: Its where everything else is for APRSdos on the
>tapr.org ftp site in the tapr/SIG/aprssig/files/upload or dosaprs
>directories...

>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>Tnks 4 ur time and advice.
Ted Katz N3OWM,Phila,Pa
tedk@formail.formation.com
theojkat@voicenet.com
n3owm@ke3cz.epa.pa.usa
40.01.05 N
75.03.75 W

From ks4ny@pen.net Wed Sep 04 19:49:58 1996
Received: from pen.net (scully.pen.net [206.112.101.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA14153 for <aprssig@tapr.org>; Wed, 4 Sep 1996
19:49:53 -0500 (CDT)
Message-Id: <199609050049.TAA14153@tapr.org>
X-Sender: ks4ny@pen.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 04 Sep 1996 19:30:45 -0600
To: aprssig@tapr.org
From: Hank Holt <ks4ny@pen.net>
Subject: APRS and Emergency Comms

Date: Wed, 04 Sep 1996 19:25:20 -0600
To: aprssig@tapr.org
From: Hank Holt <ks4ny@pen.net>
Subject: APRS and Emergency Comms

We have recently been working with a local hospital to help them install a
working Amateur station complete with APRS and to train their own people to
become licensed hams. During a newspaper interview, a reporter asked us if
any other hospitals had installed APRS to enhance their emergency
communication. Does anyone have any information for me on this?

Please respond to me at my E-mail address since I am not subscribed here.

Thanks

Hank

From saltair@hargray.com Wed Sep 04 19:55:19 1996
Received: from fern.hargray.com (fern.hargray.com [205.218.96.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA14316 for <aprssig@tapr.org>; Wed, 4 Sep 1996
19:55:17 -0500 (CDT)
Received: from saltair.hargray.com (x123.hargray.com [205.218.96.53]) by
fern.hargray.com (8.7.5/8.7) with SMTP id UAA20038 for <aprssig@tapr.org>; Wed, 4
Sep 1996 20:56:46 -0400 (EDT)
Message-ID: <322E2499.14BC@hargray.com>
Date: Wed, 04 Sep 1996 20:53:45 -0400

From: George Salinas <saltair@hargray.com>
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4386] Re: Too much time on my hands....
References: <9609041414.AA26688@ELWOOD.pionet.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave Kaplan wrote:
>
> At 12:36 AM 9/4/96 -0500, you wrote:
> >Yes, Dayton, INDEED!
>
> I'll operate airmobile into KC!
>
> WB0WNX-7
> Dave

I would think that the ARRL convention would be the most appropriate.
I'll drive to that one.

KD4FJ.George

From wd4cqe@juno.com Wed Sep 04 19:56:50 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA14348 for <aprssig@tapr.org>; Wed, 4
Sep 1996 19:56:48 -0500 (CDT)
Received: (from wd4cqe@juno.com) by x11.boston.juno.com (queuemail)
     id UAB04254; Wed, 04 Sep 1996 20:56:36 EDT
To: aprssig@tapr.org
Message-ID: <19960906.065242.4647.1.WD4CQE@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-3
From: wd4cqe@juno.com (Kenneth I Mathews)
Date: Wed, 04 Sep 1996 20:56:36 EDT

subscribe

Ken Mathews,WD4CQE

From wa8inz@cris.com Wed Sep 04 20:18:29 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA15031 for <aprssig@tapr.org>; Wed, 4
Sep 1996 20:17:46 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id VAA07184; Wed, 4 Sep 1996 21:17:03 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80359.concentric.net [206.173.114.59])
     by cliff.cris.com (8.7.5)
     id VAA29392; Wed, 4 Sep 1996 21:17:40 -0400 (EDT)

Message-ID: <322E4652.55D1@cris.com>
Date: Wed, 04 Sep 1996 20:17:38 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4349] Re: WX Legal
References: <199609032345.QAA29047@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ku0g@sprynet.com wrote:
>
> The Identification issue is already covered in the position report as your
> station callsign appears as the FIRST thing in EVERY packet followed by the
> digipath. Easy, huh?
>
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com

So Sorry Jim, but it's NOT EASY HUH!. Because the person is not at that site.
And i have checked there's nothing other then the <C-5>. But whi cares anyway.
I was asking abt the legality because i think he wrote the software himself to
do this. Easy huh, Jim.
--
     Check out my A.P.R.S Web Page.
       Totally Devoted to APRS
   To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
    http://www.concentric.net/~wa8inz

                \////
                (o o)
          --o00-(_)-00o--
            Bill WA8INZ
          wa8inz@cris.com
          wa8inz@amsat.org

From wa8inz@cris.com Wed Sep 04 20:21:00 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA15428 for <aprssig@tapr.org>; Wed, 4
Sep 1996 20:20:58 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id VAA08824; Wed, 4 Sep 1996 21:20:14 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80359.concentric.net [206.173.114.59])
     by cliff.cris.com (8.7.5)
     id VAA28498; Wed, 4 Sep 1996 21:13:24 -0400 (EDT)

Message-ID: <322E4551.5E2F@cris.com>
Date: Wed, 04 Sep 1996 20:13:21 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4367] Re: WIDE,WIDE,WIDE?
References: <19960904035507061.AAA156@rbost.itexas.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roy Bost wrote:
>
> But that wouldn't be fair to those of us that live in thinly populated
> APRS areas!
> Down here it's not unusual to be 20-30 miles apart. Tonight I'm seeing
> 20-25 stations from Dallas to north of Houston. Three wides might get me
> some more viewing area! Presently myy path statement is "relay, wide,
> wide, gate". Don't know if that is proper or not but the only Gates are in
> South Texas.
>
> Roy Bost, N5TAM
> Granbury, Tx.
> rbost@itexas.net
> 32 25' 33"N   97 48' 59"W

20 to 30 miles apart, that's realy close (And to close to be using 3 wide's,
come on now. Play the games by the rules or don't play at all. Not trying to
flame you but 3 wides is asking for problems. Get a better antenna that's
what it sounds like you need. I get stations 160 miles away, Just before
getting on here i was keyboarding with a user in Atlanta and the digi i was
using was 102 miles away and i was not using 3 wides.
--
     Check out my A.P.R.S Web Page.
       Totally Devoted to APRS
   To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
    http://www.concentric.net/~wa8inz

                \////
                (o o)
          --o00-(_)-00o--
            Bill WA8INZ
          wa8inz@cris.com
          wa8inz@amsat.org

From henryvb@dpliv.com Wed Sep 04 21:44:19 1996
Received: from pcweb.dpliv.com (pcweb.dpliv.com [206.31.254.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA19287 for <aprssig@tapr.org>; Wed, 4 Sep 1996
21:44:16 -0500 (CDT)
Received: from ns.dpliv.com ([206.31.254.202]) by pcweb.dpliv.com (8.7.4/8.6.9)
with SMTP id VAA16760 for <aprssig@tapr.org>; Wed, 4 Sep 1996 21:48:18 -0500

Message-ID: <322E3DD9.BBD@dpliv.com>
Date: Wed, 04 Sep 1996 21:41:29 -0500
From: henryvb <henryvb@dpliv.com>
Reply-To: henryvb@dpliv.com
Organization: Who's got time to get organized?
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: National APRS Conference
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In APRSSIG digest 681, Mark Sproul wrote re the National APRS
Conference:

> I both agree and disagree. First, there are several local APRS groups
> already in operation, having local or regional meetings etc. are highly
> encouraged.

True, and being Secretary of one of the largest APRS users groups around
(NIAN, 70+ members), I couldn't agree more that local meetings are
important, but National meetings get users together to work on the "Big
picture" and to learn new ways to do things that you may never discover
locally. Right now we are working on several things here in Chicago
where National face-to-face input would be great.

> On the disagree side, I concur with Bob Bruninga, "isn't it called Dayton".
> As it is there is Dayton, the DCC, the Annual ARRL convention, Keith tries
> to attend ALL of these and in fact IS attending ALL 3 this year, most years
> he does make it to Dayton AND DCC (not the ARRL convention). If a
> "National APRS" meeting was held, we would of course feel obligated to
> attend and there are only so many weeks in a year.

Ok, let's go over those events you mentioned.

Dayton, we have one or two seminars that brush over the basics of APRS
in the hope of selling its' use to the attendee, nothing in-depth, no
problem solving or future planning. The Saturday evening eyeball is one
way to get into the "big picture" stuff, but it's way too short, and
people are tired from festing all day and have a lot of things to do in
a very small time.

DCC, I haven't been there, but while it may be a digital (ie. packet)
conference, it's not devoted to APRS, not attended by a lot of
day-to-day APRS users, and does not get into the in-depth things that a
lot of people are interested in. APRS is just one of many items on the
table for that weekend.

ARRL National Convention, the same things as Dayton and DCC apply.

Furthermore, I would think that the authors would see a lot more APRS
users who could help shape the future of APRS at one weekend devoted to
APRS than they would at Dayton, DCC, & ARRL combined.

I hope the Convention comes to pass, and have conveyed my feelings on
this to Jim Duncan as well as offering my assistance to make it happen.
I hope to see all of you there, whenever it is.

Maybe we can get someone to donate Coke since I doubt anyone will donate
the beer.

Henry
N9WMM
henryvb@dpliv.com

From henryvb@dpliv.com Wed Sep 04 21:44:29 1996
Received: from pcweb.dpliv.com (pcweb.dpliv.com [206.31.254.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA19286 for <aprssig@tapr.org>; Wed, 4 Sep 1996
21:44:12 -0500 (CDT)
Received: from ns.dpliv.com ([206.31.254.202]) by pcweb.dpliv.com (8.7.4/8.6.9)
with SMTP id VAA16757 for <aprssig@tapr.org>; Wed, 4 Sep 1996 21:48:15 -0500
Message-ID: <322E37B8.3566@dpliv.com>
Date: Wed, 04 Sep 1996 21:15:20 -0500
From: henryvb <henryvb@dpliv.com>
Reply-To: henryvb@dpliv.com
Organization: Who's got time to get organized?
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: WIDE,WIDE,WIDE, GATE, and ERROR MESSAGES
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In APRSSIG digest 681 it twas written regarding WIDE,WIDE,WIDE:

>   Bob, Mark, and Keith,
>   It's too bad the APRS software can't check the unproto path for this
> condition and put up an error message(smirk..smirk.. hint.. hint).

This is not an error. It may not be the best operating procedure, but
it's not an error. The last thing we need is another stupid message
like the one for a vhf station running GATE.

First, regarding the WIDE,WIDE,WIDE. There are times when a station
could be in the middle of a string of WIDE's and using that path to
propagate two or more directions MAY be correct, just like there are
times when using RELAY or WIDE is really acceptable for the 1st digi in
the path for a Base station, or RELAY is acceptable for the last station
in a digi path, or etc., etc., etc.

I spent several hours a few weeks ago in a mobile where the only way to
get the traffic to me was by using a RELAY on the end of the incoming
path, because I could only hear one of two base stations at a time, but
they both could hear the WIDE, and could not hear each other. If the
last digi had been a particular station, then I would have been cut off
from the world at certain times. We can't make concrete rules because

they always need to be broken.

Second, regarding the message that VHF users should not use GATE in their path. There are times that a VHF user SHOULD use GATE, like when I am 500 miles from home and use WIDE,GATE,GATE,Call in my path 5% of the time to get a position report or a message back home. I'm certainly not choking the net anymore than the inane stuff that I am treated to every day by HF stations that do not know (or do not care to learn) how to set their path properly (reference the routine message traffic between two HF stations using a path of GATE, WIDE, WIDE!)

The point is: We don't need another message in the program telling us what is right or wrong. VHF users have been using GATE in their paths for months and ignoring the message, like the VHF bozo in the Chicago area using RELAY, WIDE, GATE, WIDE, WIDE (an impossible path by the way.) This guy refuses to change his path, so we just budlist him.

Users should learn how to set their path correctly, and more important, how paths REALLY operate. This is the responsibility of the local user group to educate new users in proper paths, since the documentation is sorely lacking on this topic (one of the things that should be a seminar topic at the National APRS Convention!)

In addition, the DosAPRS message about VHF users on the GATE should be removed because 1: it is ignored, 2: it is not accurate, 3: it and the program logic to compute and display it wastes precious memory space.

Don't bother sending me mail or posting to the SIG on this topic unless you have an excellent understanding of digipath operations. I have been working on them for almost two years and understand more than most users do on the subject.

Henry
N9WMM
henryvb@dpliv.com

From moyers@vic.com Wed Sep 04 21:45:45 1996
Received: from gatekeeper.vic.com (root@gatekeeper.vic.com [206.31.139.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA19385 for <aprssig@tapr.org>; Wed, 4 Sep 1996 21:45:42 -0500 (CDT)
From: moyers@vic.com
Received: from mail.vic.com (smokyR36.vic.com [206.31.139.236]) by gatekeeper.vic.com (8.6.12/8.6.9) with SMTP id WAA16945 for <aprssig@tapr.org>; Wed, 4 Sep 1996 22:47:08 -0400
Message-Id: <199609050247.WAA16945@gatekeeper.vic.com>
Priority: Normal
X-Mailer: Post Road Mailer (Green Edition Ver 2.0)
Date: Wed, 4 Sep 1996 22:45:47 EDT
Reply-To: N4QEA <moyers@vic.com>
Subject: Re: [APRSSIG:4248] WX display formats
Apparently-To: <aprssig@tapr.org>

** Reply to note from aprssig@tapr.org Fri, 30 Aug 1996 17:10:49 -0500 (CDT)
>
> I announced that APRS77 had three new display formats in place of callsigns:
>
> TIME/rain/baro TIME/winds/baro TEMP/rain/baro
>
> These had been done in accordance with a request form the Natl Hurrican Center. They had
> wanted TIME/Wind/gust/rain/baro which I modified because it was just too long and would
> cover the map!
>
> They now agree that the shorter format is better, but prefer that RAIN show with the WIND
> instead of baro. So in version 77a, I have turned it all around again to these optional
> display formats:
>
> TIME/WIND/RAIN TIME/BARO/RAIN TEMP/RAIN
>
> This serves the "severe" weather guys better, by giving them wind and rain together, and
> shortens the TEMP/RAIN isplay to what most casual viewers will want. The wind is always
> displayed graphically anyway...
>
> If anyone disagreees strongly, lemme know... This is a local APRSdos display option and does
> not affect APRS on-air formats...
>
> Reply mail addr: wb4apr@amsat.org See APRS LIVE:
> http://web.usna.navy.mil/~bruninga/aprs.html
>
>
Bob, I have seen that you have gotten all sorts of input on this already. The new version
seems fine for some applications. From what I have needed for info for RACES work it would be
nice if one of these schemes could give TEMP/RAIN/RAIN TOTAL/BARO. With this coupled with
TIME/WIND/WINDGUST/RAIN it is easier to get a good over view of the situation. This helps in
looking at flash flood potential, seeing temp inversions (BIG PLUS in mountainous areas
durring LARGE snows), looking at wx that could affect HAZMAT incidents. Please keep in mind
that the WX guys aren't the only ones that could be looking at this data. The FEWER screens
you have to TOGGLE thru to see the data THE BETTER.

Secondly, is there a fix to the fading WX ICON on the screen of wx stations, and is this
linked with the Wind direction indicator only showing up when there is a wind

speed? My
position list does have the time of the last beacon, however the home station is not showing
up in the home station heard list.

73 de John N4QEA

John Moyers   N4QEA
PACKET - N4QEA @ N4QEA.#METN.TN.USA.NA
INET - moyers@vic.com
Cruise Missle - 36 02.86N 083 55.40W A=0001100

From sdimse@bridge.net Wed Sep 04 22:36:29 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA21840 for <aprssig@tapr.org>; Wed, 4 Sep 1996 22:36:25 -0500 (CDT)
Received: from (ad24-084.compuserve.com [199.174.166.84]) by bridge.net (8.7.5/8.7.3) with SMTP id XAA06167 for <aprssig@tapr.org>; Wed, 4 Sep 1996 23:33:23 -0400 (EDT)
Message-Id: <199609050333.XAA06167@bridge.net>
Subject: Re: [APRSSIG:4401] Re: WIDE,WIDE,WIDE?
Date: Wed, 4 Sep 96 23:36:27 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>20 to 30 miles apart, that's realy close (And to close to be using 3 wide's,
>come on now. Play the games by the rules or don't play at all. Not trying to
>flame you but 3 wides is asking for problems. Get a better antenna that's
>what it sounds like you need. I get stations 160 miles away, Just before
>getting on here i was keyboarding with a user in Atlanta and the digi i was
>using was 102 miles away and i was not using 3 wides.

Yes, but here in the flatlands, where the digis are 100-200 feet high, 30 miles is just about right. Not everyone can put digis on mountains, and space on the few really big towers costs really big bucks! The name of the game here is communication, and you have to do what works. Sure, I'd love to live in a place where the digis were 2000 feet up and 100 miles apart. But if we put one digi every hundred miles in South Florida we'd never see each other. Also, you seem to forget that APRS is about tracking things, not keyboarding. Sure, high power and a big beam antenna will work further than a mobile, but it's not what I want in APRS. You really ought to be more tolerant of other people's needs.

Steve KO4HD

From ku0g@sprynet.com Wed Sep 04 22:38:22 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA21860 for <aprssig@tapr.org>; Wed, 4 Sep 1996
22:38:20 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.246.253] (hd68-253.compuserve.com [199.174.246.253]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA08724 for <aprssig@tapr.org>; Wed,
4 Sep 1996 20:35:33 -0700
Date: Wed, 4 Sep 1996 20:35:33 -0700
Message-Id: <199609050335.UAA08724@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:4339] APRS Airshow
To: aprssig@tapr.org
In-Reply-To: <199609031828.NAA01104@bulldog.afsc.k12.ar.us>
X-Mailer: SPRY Mail Version: 04.00.06.21

Just be sure you DON'T use a Garmin land or marine unit as they all shut down at
99 knots!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From amirault@laraby.tiac.net Wed Sep 04 22:42:00 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA21925 for <aprssig@tapr.org>; Wed, 4 Sep 1996
22:41:58 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id
XAA18256; Wed, 4 Sep 1996 23:45:42 -0400
Date: Wed, 4 Sep 1996 23:45:42 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4384] Re: WIDE,WIDE,WIDE?
In-Reply-To: <199609041337.IAA11311@tapr.org>
Message-ID: <Pine.BSF.3.91.960904234238.18016A-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 4 Sep 1996 schiers@ames.net wrote:
>
> > Most everyone is using an Unproto path with at LEAST
> >>three WIDE's....I thought that was a NO-NO.
>
> How many wides are used is determined by local net density and
> topography. Here in central Iowa the standard is 3 wides. If we didn't do
> this, our net would be about five stations, instead of nearly 30. We
> coordinate our activity with the guys in northern MO and all is working
> well. We have received zero complaints.
(snip)
> Hamstringing the software to enforce some arbitrary standard that does not

> apply to unique environments is a TERRIBLE idea.

I don't understand your comment .... these stations are all HF stns that are GATEing into my local area (with GATE,WIDE,WIDE,WIDE for the most part) .... they are NOT local VHF stations

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From ku0g@sprynet.com Wed Sep 04 22:52:45 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA22624 for <aprssig@tapr.org>; Wed, 4 Sep 1996 22:52:43 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.246.253] (hd68-253.compuserve.com [199.174.246.253]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA10933 for <aprssig@tapr.org>; Wed, 4 Sep 1996 20:49:58 -0700
Date: Wed, 4 Sep 1996 20:49:58 -0700
Message-Id: <199609050349.UAA10933@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:4382] Re: Too much time on my hands....
To: aprssig@tapr.org
In-Reply-To: <v03007801ae532b8ef959@[165.1.27.20]>
X-Mailer: SPRY Mail Version: 04.00.06.21

Yes, there ARE only so many weeks in the years. Problem I have here is that the Dayton weekend invariably ends up being the same time as a major performance that I'm obligated to be involved in every spring. Maybe in 1997...

Still, maybe an APRS-Exclusive/APRS-related event may be a viable thing! So many users, so few track pages....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Wed Sep 04 22:54:42 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA22673 for <aprssig@tapr.org>; Wed, 4 Sep 1996 22:54:40 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.246.253] (hd68-253.compuserve.com [199.174.246.253]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA11235 for <aprssig@tapr.org>; Wed, 4 Sep 1996 20:51:48 -0700
Date: Wed, 4 Sep 1996 20:51:48 -0700
Message-Id: <199609050351.UAA11235@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:4388] Re: Too much time on my hands....

To: aprssig@tapr.org
In-Reply-To: <322DABEA.7099@cris.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

Central to the entire U.S. would certainly be a factor and Kansas City doesn't necessarily have to the be the site!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Wed Sep 04 22:55:58 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA22723 for <aprssig@tapr.org>; Wed, 4 Sep 1996 22:55:56 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.246.253] (hd68-253.compuserve.com [199.174.246.253]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA11541 for <aprssig@tapr.org>; Wed, 4 Sep 1996 20:53:12 -0700
Date: Wed, 4 Sep 1996 20:53:12 -0700
Message-Id: <199609050353.UAA11541@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:4392] 9K6 baud inter-city
To: aprssig@tapr.org
In-Reply-To: <3.0b15.32.19960904110404.006c4194@144.188.134.33>
X-Mailer: SPRY Mail Version: 04.00.06.21

We're starting to take a look at 9K6 Inter-City here in Kansas City now...

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From rsellers@firecraker.com Thu Sep 05 00:02:46 1996
Received: from email.firecraker.com (email.firecraker.com [206.101.246.91]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA27972 for <aprssig@tapr.org>; Thu, 5 Sep 1996 00:02:38 -0500 (CDT)
Received: from RSELLERS (206.101.246.123) by email.firecraker.com
 with SMTP (Apple Internet Mail Server 1.1.1); Thu, 5 Sep 1996 00:02:30 -0600
X-Sender: rsellers@email.firecraker.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4371] Help with aprs "illegal function call"
Date: Thu, 5 Sep 1996 00:02:30 -0600
Message-ID: <1370240746-3906396@email.firecraker.com>

>Does anyone have a suggestion to help fix this problem? When attempting to
>start APRS the message "illegal function call at address 10f4:53bf"
appears. >What does this refer to and more importantly, how do I fix it?
Thanks.

What version of APRS are you using? DOS or WinAPRS? What operating system?
Amny other apps running at the same time?
  That looks like a message Windows 95 would give out during a crash.

I woulld assume Keith, Mark, and Bob would need more of the above info to be
able to find something. You may want to address the details to them directly.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com

             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From rsellers@firecraker.com Thu Sep 05 00:10:05 1996
Received: from email.firecraker.com (email.firecraker.com [206.101.246.91]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA01648 for <aprssig@tapr.org>; Thu, 5
Sep 1996 00:09:56 -0500 (CDT)
Received: from RSELLERS (206.101.246.123) by email.firecraker.com
 with SMTP (Apple Internet Mail Server 1.1.1); Thu, 5 Sep 1996 00:09:50 -0600
X-Sender: rsellers@email.firecraker.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4388] Re: Too much time on my hands....
Date: Thu, 5 Sep 1996 00:09:50 -0600
Message-ID: <1370240306-3932818@email.firecraker.com>

>Of course you would have it in Kansas, but i think it should be in an area
of >most APRS activity, not because that's where you sre located ;-)
>
>No flame just joking Hi.
>   \////
>   (o o)
>   *--o00-(_)-00o--*
>   Bill WA8INZ
>   wa8inz@cris.com
>   wa8inz@amsat.org
>
>
  The I vote for Chicago Suburb Area <grin> We have about 60-70 stations
in close proximity just in northern illinois and southern Wisconsin. Jim,
you saw that while you were here.

side note: I changed IP's again. note new e-mail address "just in case"...

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From wa8inz@cris.com Thu Sep 05 00:22:29 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA02229 for <aprssig@tapr.org>; Thu, 5 Sep 1996 00:22:21 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(%D% %I%))
id BAA24554; Thu, 5 Sep 1996 01:21:38 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc000159.concentric.net [206.173.121.159])
by cliff.cris.com (8.7.5)
id BAA16416; Thu, 5 Sep 1996 01:22:14 -0400 (EDT)
Message-ID: <322E7FA3.137C@cris.com>
Date: Thu, 05 Sep 1996 00:22:11 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4403] WIDE,WIDE,WIDE, GATE, and ERROR MESSAGES
References: <322E37B8.3566@dpliv.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

henryvb wrote:
>
> In APRSSIG digest 681 it twas written regarding WIDE,WIDE,WIDE:
>
> > Bob, Mark, and Keith,
> > It's too bad the APRS software can't check the unproto path for this
> > condition and put up an error message(smirk..smirk.. hint.. hint).
>
> First, regarding the WIDE,WIDE,WIDE. There are times when a station
> could be in the middle of a string of WIDE's and using that path to
> propagate two or more directions MAY be correct, just like there are
> times when using RELAY or WIDE is really acceptable for the 1st digi in
> the path for a Base station, or RELAY is acceptable for the last station
> in a digi path, or etc., etc., etc.

Well my answer to this is that here in the South Eastern states i can
honestly state that i rarely if ever see anyone using 3 wides. If it works
here why won't it work elsewhere. I aggree that 3 wides shouldn't even be
in the software.

>
> Second, regarding the message that VHF users should not use GATE in
> their path.

I fully aggree with removing that nag window, all a person needs to do
anyway is to use the HF even tough he's TX'ing on VHF and the window will
be gone.

>
> Users should learn how to set their path correctly, and more important,
> how paths REALLY operate. This is the responsibility of the local user
> group to educate new users in proper paths, since the documentation is
> sorely lacking on this topic (one of the things that should be a seminar
> topic at the National APRS Convention!)

And how many users realy attend these seminars.
>
> In addition, the DosAPRS message about VHF users on the GATE should be
> removed because 1: it is ignored, 2: it is not accurate, 3: it and the
> program logic to compute and display it wastes precious memory space.
>

I fully aggree with this, why waste the memory and space required for this.

> Don't bother sending me mail or posting to the SIG on this topic unless
> you have an excellent understanding of digipath operations. I have been
> working on them for almost two years and understand more than most users
> do on the subject.

Well Henry, your almost saying that nobody else knows how to run APRS
besides yourself. I have been using it longer then that and i'm still
learning i admit, but have NEVER used 3 wides (Never needed to). So calm
down don't get all upset (Remember the majority rules Hi).

>
> Henry
> N9WMM
> henryvb@dpliv.com

--
     Check out my A.P.R.S Web Page.
       Totally Devoted to APRS
   To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
    http://www.concentric.net/~wa8inz

                \////
                (o o)
          --o00-(_)-00o--
            Bill WA8INZ
          wa8inz@cris.com
          wa8inz@amsat.org

From sdimse@bridge.net Thu Sep 05 00:32:10 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA02356 for <aprssig@tapr.org>; Thu, 5 Sep 1996 00:32:09 -0500 (CDT)
Received: from (ppp-mia1-45.bridge.net [204.253.4.45]) by bridge.net (8.7.5/8.7.3) with SMTP id BAA13531 for <aprssig@tapr.org>; Thu, 5 Sep 1996 01:29:09 -0400 (EDT)
Message-Id: <199609050529.BAA13531@bridge.net>
Subject: Re: [APRSSIG:4402] Re: National APRS Conference
Date: Thu, 5 Sep 96 01:32:12 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>DCC, I haven't been there, but while it may be a digital (ie. packet)
>conference, it's not devoted to APRS, not attended by a lot of
>day-to-day APRS users, and does not get into the in-depth things that a
>lot of people are interested in. APRS is just one of many items on the
>table for that weekend.
>
Last year, and again this year there is a whole afternoon worksop on APRS given by Keith. I thoughly enjoyed the one last year, and am looking forward to it this year. This was where many APRSers first saw MacAPRS, and the decision to port MacAPRS to windows occured because of what happened at this meeting. The talk by Phil Karn got me fired up to contribute somehow to ham radio, the end result of that is javAPRS. This year three of the papers being presented are about APRS. Don't underestimate the importance of this conference, especially to the "people that shape the future of APRS" (if only Bob would come....).

The question I have is what do you hope to accomplish? For getting real work done: answering questions, formulating future plans, and developing standards it is hard to beat a long, deliberate process via email. Face to face meetings are good for brainstorming and furthering interpersonal relationships. The three meetings mentioned are all good places to meet others that share our interests, shake hands with email buddies, and drink beer. There will never be a place where _everyone_ who likes APRS can get together, and if there were, it would probably produce more fist-fights than progress! ;-)

So, for those of you who think a national APRS convention is important, exactly what agenda would you propose? Tell me what you think needs to be done, and how you propose to accomplish it in a couple of days. Propose a schedule of events...if it's worthwhile, I'll come, and so will a lot of others.

Steve KO4HD

From wa8inz@cris.com Thu Sep 05 00:36:32 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA02782 for <aprssig@tapr.org>; Thu, 5

Sep 1996 00:36:30 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id BAA26155; Thu, 5 Sep 1996 01:35:51 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc000159.concentric.net [206.173.121.159])
     by cliff.cris.com (8.7.5)
     id BAA18125; Thu, 5 Sep 1996 01:36:27 -0400 (EDT)
Message-ID: <322E82F9.604D@cris.com>
Date: Thu, 05 Sep 1996 00:36:25 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4405] Re: WIDE,WIDE,WIDE?
References: <199609050333.XAA06167@bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:
>
>
> Yes, but here in the flatlands, where the digis are 100-200 feet high, 30
> miles is just about right. Not everyone can put digis on mountains, and
> space on the few really big towers costs really big bucks! The name of
> the game here is communication, and you have to do what works. Sure, I'd
> love to live in a place where the digis were 2000 feet up and 100 miles
> apart. But if we put one digi every hundred miles in South Florida we'd
> never see each other. Also, you seem to forget that APRS is about
> tracking things, not keyboarding. Sure, high power and a big beam antenna
> will work further than a mobile, but it's not what I want in APRS. You
> really ought to be more tolerant of other people's needs.
>
> Steve KO4HD

I should be more tolerant, you realy mean not to voice my opinion right. If all i could do is sit here in front of my computer and watch vehicles moving around and couldn't keyboard as you are suggesting i would wipe APRS off of my system instantly. To each his own, but Steve you should be more tolerant about a person doing some keyboarding since that's one of the features many of the users in this area prefer to do. Sorry if my message upset you but it wasn't meant to. But i will continue to voice my opinion as the posting warrants. Not everyone will aggree. But hopefully this is a Free Speach Sig.

--
     Check out my A.P.R.S Web Page.
       Totally Devoted to APRS
   To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
    http://www.concentric.net/~wa8inz

\////
(o o)
--o00-(_)-00o--
Bill WA8INZ
wa8inz@cris.com
wa8inz@amsat.org

From KG5QD@aol.com Thu Sep 05 04:48:26 1996
Received: from emout08.mail.aol.com (emout08.mx.aol.com [198.81.11.23]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id EAA13064 for <aprssig@tapr.org>; Thu, 5 Sep 1996 04:48:23 -0500 (CDT)
From: KG5QD@aol.com
Received: by emout08.mail.aol.com (8.6.12/8.6.12) id FAA28200 for aprssig@tapr.org; Thu, 5 Sep 1996 05:47:51 -0400
Date: Thu, 5 Sep 1996 05:47:51 -0400
Message-ID: <960905054747_277816204@emout08.mail.aol.com>
To: aprssig@tapr.org
Subject: Hurricane Fran Landfall Plots

Today 9/05 I will be putting Plots for Fran on 30 M via WX,W7LUS,GATE,WIDE generated at the Collier County Florida EOC directly from the Weather wire. Objects are sent from wb2wpa-4 via WX,WIDE,WIDE,MARCO on 2 meters and I use the "MARCO" as a key to strip the callsign and path and put my call and path on the packets and send on HF. The FRAN _REF object is the refernce time/posit to which all the forecasts are relative. The objects keep the same names from update to update so a screen refresh will clear the old and plot the new. Intermediate Advisories change the main hurricane plot only(ie the one with a vector) and dont always show wind fields
73 de kg5qd Dale Marco Island Fl

From kheyboer@pinegov.co.pinellas.fl.us Thu Sep 05 06:14:31 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA15154 for <aprssig@tapr.org>; Thu, 5 Sep 1996 06:14:29 -0500 (CDT)
Received: from none.compuserve.com by pinegov (SMI-8.6/SMI-SVR4)
id CAA02537; Thu, 5 Sep 1996 02:12:58 -0400
Message-ID: <322EB61E.627B@co.pinellas.fl.us>
Date: Thu, 05 Sep 1996 07:14:38 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
X-Mailer: Mozilla 3.0b5aGold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4401] Re: WIDE,WIDE,WIDE?
References: <322E4551.5E2F@cris.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:
>
> Roy Bost wrote:
> >
> > But that wouldn't be fair to those of us that live in thinly populated
> > APRS areas!

> 20 to 30 miles apart, that's realy close (And to close to be using 3 wide's,
> come on now. Play the games by the rules or don't play at all. Not trying to
> flame you but 3 wides is asking for problems.

Oh come on, Bill, wake up. Texas is like Florida, flat as a
pancake...our wides are 30 to 40 miles apart also and they still can't
hear half the time....you guys in the hills have a real advantage with
VHF radio signals....I saw stations at that distance when I was mobile
up in GA/TN...but not here...no way.
****
From: Kevin Heyboer   E-mail:kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail: KD4UYR @W4DPH.#CLW.FL.US
Assistant Emergency Coordinator and SKYWARN Coordinator
Greater Pinellas County (St Petersburg/Clearwater) Florida
****

From kheyboer@pinegov.co.pinellas.fl.us Thu Sep 05 06:23:01 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id GAA15515 for <aprssig@tapr.org>; Thu, 5 Sep 1996
06:22:57 -0500 (CDT)
Received: from none.compuserve.com by pinegov (SMI-8.6/SMI-SVR4)
     id CAA02570; Thu, 5 Sep 1996 02:21:24 -0400
Message-ID: <322EB81B.7CF3@co.pinellas.fl.us>
Date: Thu, 05 Sep 1996 07:23:07 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
X-Mailer: Mozilla 3.0b5aGold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4403] WIDE,WIDE,WIDE, GATE, and ERROR MESSAGES
References: <322E37B8.3566@dpliv.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> This is not an error. It may not be the best operating procedure, but
> it's not an error. The last thing we need is another stupid message
> like the one for a vhf station running GATE.
>
> First, regarding the WIDE,WIDE,WIDE. There are times when a station
> could be in the middle of a string of WIDE's and using that path to
> propagate two or more directions MAY be correct, just like there are
> times when using RELAY or WIDE is really acceptable for the 1st digi in
> the path for a Base station, or RELAY is acceptable for the last station
> in a digi path, or etc., etc., etc.

Stuff deleted....
>
> Henry
> N9WMM
> henryvb@dpliv.com

Gotta agree with you Henry...100%...for example...my station is at
center of a three pronged system....wide to the north, four wides to the

east (to FL east coast), and two wides to the south....It is impossible
to list digis by callsign and send posits to all of the above, however,
an unproto path of KF4FOH-10, wide,wide sends the posits in all three
directions with the first call being my local wide. There is no other
way to do it and as a weather station sending info to all those other
users as part of the SKYWARN network....it is a necessity.--
****
From: Kevin Heyboer   E-mail:kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail: KD4UYR @W4DPH.#CLW.FL.US
Assistant Emergency Coordinator and SKYWARN Coordinator
Greater Pinellas County (St Petersburg/Clearwater) Florida
****

From rwf@mindspring.com Thu Sep 05 08:38:18 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA21938 for <aprssig@tapr.org>; Thu, 5
Sep 1996 08:38:16 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id JAA17099 for
<aprssig@tapr.org>; Thu, 5 Sep 1996 09:38:15 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id JAA09619 for
<aprssig@tapr.org>; Thu, 5 Sep 1996 09:38:01 -0400
Message-Id: <2.2.32.19960905134101.006e32bc@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 05 Sep 1996 09:41:01 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4405] Re: WIDE,WIDE,WIDE?

At 10:45 PM 9/4/96 -0500, Steve Dimse wrote:

>Yes, but here in the flatlands, where the digis are 100-200 feet high, 30
>miles is just about right.

I pretty much agree, and having been down there in Steve's/Rich's/Kevin's
country - I can attest to this. Florida is doing a lot better with coverage
in just the last 6 months. New digis in Ocala and possibly Daytona will
help extend the edges even more.

Now if we could just get the folks in Macon GA and South to put up digis
(and in Macon's case: a real digi) we can begin to see I-75 coverage for 3-4
states down here.   It would also be great to see the Savannah folks in the
"rest" of the net.

Here where we can have digis at 2000-5000 ft MSL, we are truly lucky- but
here in the South, we're the exception- not the rule! We just happen to be
situated at the lowest end of the Appalachians and Blue Ridge Mountains.

Ralph Fowler
rwf@mindspring.com

From rwf@mindspring.com Thu Sep 05 08:38:20 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA21944 for <aprssig@tapr.org>; Thu, 5 Sep 1996 08:38:17 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id JAA17106 for <aprssig@tapr.org>; Thu, 5 Sep 1996 09:38:16 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id JAA09769 for <aprssig@tapr.org>; Thu, 5 Sep 1996 09:38:13 -0400
Message-Id: <2.2.32.19960905134113.006f66d4@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 05 Sep 1996 09:41:13 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4406] Re: APRS Airshow

Somebody wrote:
>Just be sure you DON'T use a Garmin land or marine unit as they all shut down at
>99 knots!

Nice try (in Bob's words) but not quite true. The land units do fine (even at 450 Kts and 30,000 ft).
It is the cheap, MARINE Garmins that shut down!

Ralph Fowler
rwf@mindspring.com

From rwf@mindspring.com Thu Sep 05 08:38:23 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA21974 for <aprssig@tapr.org>; Thu, 5 Sep 1996 08:38:21 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id JAA17205 for <aprssig@tapr.org>; Thu, 5 Sep 1996 09:38:20 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id JAA09795 for <aprssig@tapr.org>; Thu, 5 Sep 1996 09:38:16 -0400
Message-Id: <2.2.32.19960905134116.007089ec@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 05 Sep 1996 09:41:16 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4418] Re: WIDE,WIDE,WIDE,

Let's hope that WIDE-N (or whatever it ends up being called) gets
implemented in TNC-2 Code and Kantronics Code so that the intelligent digis
can help stifle the dupes. When this happens, you can run WIDES until you
get tired of typing and the DIGIS will resolve the foldbacks.

I know PacComm is working on it, but is any other Manufacturer listening???
Not all digis are TNC-2/Clones.

Ralph Fowler
rwf@mindspring.com

From jleonard@tbcnet.com Thu Sep 05 08:52:18 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA22621 for <aprssig@tapr.org>; Thu, 5 Sep 1996
08:52:16 -0500 (CDT)
Received: from PR142.tbcnet.com (PR142.tbcnet.com [207.112.227.42]) by
tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id IAA19899 for <aprssig@tapr.org>; Thu, 5
Sep 1996 08:52:15 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR142.tbcnet.com [207.112.227.42]
didn't use HELO protocol
Message-Id: <1.5.4.32.19960905135156.006cd08c@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 05 Sep 1996 08:51:56 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:4403] WIDE,WIDE,WIDE, GATE, and ERROR MESSAGES

I have a couple of questions regarding digipaths in the Chicago area. BTW,
the No IL area was, up until a couple of years ago, defined by a Channel 2
newsperson as "Chicago" or the "boonies." He said it, I didn't.

At 22:04 9/4/96 -0500, you wrote:
>First, regarding the WIDE,WIDE,WIDE. There are times when a station
>could be in the middle of a string of WIDE's and using that path to
>propagate two or more directions MAY be correct, just like there are
>times when using RELAY or WIDE is really acceptable for the 1st digi in
>the path for a Base station, or RELAY is acceptable for the last station
>in a digi path, or etc., etc., etc.
>

If my station beacons at 5 watts, with an unproto of WIDE, I'll easily hit

CJN Wide/Relay, which will then rexmit my station to whereever CJN reaches, which, according to its Mheard list, is N9RER Wide in Chicago and W0BXR-8 in Muscadine IA.

Isn't it true that if I change my unproto path to WIDE,WIDE I'll hit CJN AND RER AND BXR-8 AND CJN (plus WMM-15)? And I'd hate to think what kind of mess would result if the pwr was kicked up to 50W.

And if it's changed again to WIDE,WIDE,WIDE, won't I hit CJN,RER,WMM,BXR, CJN,RER,WMM,BXR, etc (i.e., multi-collisions) in the local area, in addition to to whatever wides THOSE wides can reach?

I think I'm starting to see the wisdom of a 9.6k/UHF backbone link.

>I spent several hours a few weeks ago in a mobile where the only way to
>get the traffic to me was by using a RELAY on the end of the incoming
>path, because I could only hear one of two base stations at a time, but
>they both could hear the WIDE, and could not hear each other. If the
>last digi had been a particular station, then I would have been cut off
>from the world at certain times. We can't make concrete rules because
>they always need to be broken.

Won't a path of WIDE,RELAY cause all kinds of havoc in the Chicago area?

>The point is: We don't need another message in the program telling us
>what is right or wrong. VHF users have been using GATE in their paths
>for months and ignoring the message, like the VHF bozo in the Chicago
>area using RELAY, WIDE, GATE, WIDE, WIDE (an impossible path by the
>way.) This guy refuses to change his path, so we just budlist him.

>Henry
>N9WMM
>henryvb@dpliv.com

And as to the bozo/GATE question, I believe the "DEFAULT" path (not the one that automaticly comes up, but what you get when you hit the "DEFAULT" button) for the VHF port on WinAPRS is GATE,GATE,WIDE.

So, as FIRESIGN THEATRE once said, "We're ALL just bozos on this bus."

jbl/bozo

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
American Red Cross Disaster Services - DeKalb Co Chapter
DR444 DR157

From jratchf@bulldog.afsc.k12.ar.us Thu Sep 05 08:53:25 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA22640 for <aprssig@tapr.org>; Thu, 5 Sep 1996 08:53:21 -0500 (CDT)

Received: from jratchf.bulldog.afsc.k12.ar.us (slip3.afsc.k12.ar.us
[170.211.157.177]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA04448
for <aprssig@tapr.org>; Thu, 5 Sep 1996 08:53:13 -0500
Message-Id: <199609051353.IAA04448@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4409] Re: Too much time on my hands....
Date: Thu, 5 Sep 1996 07:35:14 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Central to the entire U.S. would certainly be a factor and Kansas City
doesn't
> necessarily have to the be the site!
>
> Jim Duncan, KU0G

Great! Let's have it in Branson! We can watch Boxcar Willie and talk ARPS
at the same time. What a joke! Naaaaaaaaa.......... KC is a Great Idea!

--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From jratchf@bulldog.afsc.k12.ar.us Thu Sep 05 08:53:27 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA22643 for <aprssig@tapr.org>; Thu, 5 Sep 1996
08:53:23 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip3.afsc.k12.ar.us
[170.211.157.177]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA04451
for <aprssig@tapr.org>; Thu, 5 Sep 1996 08:53:16 -0500
Message-Id: <199609051353.IAA04451@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: National Conference & WIDEWIDEWIDE
Date: Thu, 5 Sep 1996 07:48:53 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Some one asked for an agenda?

I'd like to see a siminar on Paths (WIDE WIDE WIDE?) On Digi Setups (KPC-3's) On Remote WX staions/digis. Which brings me to the question again, has anyone set up a remote combination digi/WX station? Hopefully using a KPC-3 and the U2000?

The subjects on siminars are simple, take each and every command and talk about it for and hour or two! Then, when we all wake up we'll be a bit smarter! hihi

--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From jratchf@bulldog.afsc.k12.ar.us Thu Sep 05 08:53:29 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA22659 for <aprssig@tapr.org>; Thu, 5 Sep 1996 08:53:26 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip3.afsc.k12.ar.us [170.211.157.177]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA04453 for <aprssig@tapr.org>; Thu, 5 Sep 1996 08:53:18 -0500
Message-Id: <199609051353.IAA04453@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: Hurrican Fran
Date: Thu, 5 Sep 1996 08:52:17 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

As Fran makes landfall this evening, take a close look at FEMA Office of Emergency Information & Public Affairs situation breifs. Especially the Red Cross and the US&R (Urban Search and Rescue Task Forces) reports. You will more than likely see references to Ham Radio Operators support.
When this is all over with, I suggest we try to get detailed reports on the operations success and/or shortfalls. With this information we, as a group, should look at areas where APRS could have been used and whether or not we should propose it's use in the future. This could be a group discussion at the ARPS convention, if we have one that is.
At any rate, it looks as though this storm could be a catagory 5 by this evening and there will be a lot to talk about and discuss. I only hope that those folks "down yonder" have taken all precautions and no one is injured or killed.
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.

* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From bruninga@nadn.navy.mil Thu Sep 05 09:06:13 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA23206 for <aprssig@tapr.org>; Thu, 5
Sep 1996 09:06:11 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA25687 for <aprssig@tapr.org>; Thu, 5 Sep 1996
10:11:01 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 5 Sep 1996 10:10:59 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4404] Re: WX display formats
In-Reply-To: <199609050247.WAA16945@gatekeeper.vic.com>
Message-ID: <Pine.GSO.3.95.960905100655.20219C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 4 Sep 1996 moyers@vic.com wrote:

> From what I have needed for info for RACES work it would be
> nice if one of these schemes could give TEMP/RAIN/RAIN TOTAL/BARO.
> and/or TIME/WIND/WINDGUST/RAIN it is easier to get a good over view
**** The first is just too long. The second is implemented (I thought)

> Secondly, is there a fix to the fading WX ICON on the screen of wx stations,
> and is this linked with the Wind direction indicator only showing up when
> there is a wind speed?

APRSdos REPLY/COMMENT: WX fade to gray will be fixed in 77a and the WIND
direction indicator now only shows up if there IS wind. Makes no sense
otherwise, just confusing.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From jratchf@bulldog.afsc.k12.ar.us Thu Sep 05 09:11:12 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA23279 for <aprssig@tapr.org>; Thu, 5 Sep 1996
09:11:10 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us
[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id JAA04767
for <aprssig@tapr.org>; Thu, 5 Sep 1996 09:11:04 -0500
Message-Id: <199609051411.JAA04767@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4418] Re: WIDE,WIDE,WIDE, GATE, and ERROR MESSAGES
Date: Thu, 5 Sep 1996 09:10:12 -0500
X-MSMail-Priority: Normal

X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> > This is not an error. It may not be the best operating procedure, but
> > it's not an error. The last thing we need is another stupid message
> > like the one for a vhf station running GATE.
> >
> > First, regarding the WIDE,WIDE,WIDE. There are times when a station
> > could be in the middle of a string of WIDE's and using that path to
> > propagate two or more directions MAY be correct, just like there are
> > times when using RELAY or WIDE is really acceptable for the 1st digi
in
> > the path for a Base station, or RELAY is acceptable for the last
station
> > in a digi path, or etc., etc., etc.
> >
> > Henry
> > N9WMM
> > henryvb@dpliv.com
>
> Gotta agree with you Henry...100%...for example...my station is at
> center of a three pronged system....wide to the north, four wides to the
> east (to FL east coast), and two wides to the south....It is impossible
> to list digis by callsign and send posits to all of the above, however,
> an unproto path of KF4FOH-10, wide,wide sends the posits in all three
> directions with the first call being my local wide. There is no other
> way to do it and as a weather station sending info to all those other
> users as part of the SKYWARN network....it is a necessity.--
> **
> From: Kevin Heyboer   E-mail:kheyboer@co.pinellas.fl.us
> Amateur Radio Call: KD4UYR   Packet Mail: KD4UYR @W4DPH.#CLW.FL.US
> Assistant Emergency Coordinator and SKYWARN Coordinator
> Greater Pinellas County (St Petersburg/Clearwater) Florida
> **
Exactly! When surounded by digis, use the closest (most reliable) one as
the first hop in your path! I am adding yet another digi to the area.
There will now be three within 40 miles of each other. I can hear and hit
all three from the QTH but will in no way use WIDE WIDE WIDE. This doesn't
make sence! We are trying to build a reliable SKYWARN net here before the
late-October November Tornado season starts. And in doing so must lay
down a heavy hand in these matters of path usage and proper setups. I
understand fully how the path can be misunderstood or misused by new users
but not after some time unless to station is just doing it in spite of
everyone else. This falls under the "police your own" net by the Net
Coordinator.
Again this would be another great subject for a siminar at the ARPS
convention. I'm sure it would be an interesting one!

--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas

* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From willf@rrgroup.com Thu Sep 05 09:37:33 1996
Received: from rrgroup3.rrgroup.com (rrgroup3.rrgroup.com [204.95.173.65]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA24302 for <aprssig@tapr.org>; Thu, 5
Sep 1996 09:37:31 -0500 (CDT)
Received: by rrgroup3.rrgroup.com with Microsoft Exchange (IMC 4.0.837.3)
     id <01BB9B0D.ADAE9300@rrgroup3.rrgroup.com>; Thu, 5 Sep 1996 09:36:13 -0500
Message-ID:
<c=US%a=_%p=RRSystemsGroup%l=RRGROUP3-960905143612Z-1543@rrgroup3.rrgroup.com>
From: Willson Flor <willf@rrgroup.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:4420] Re: APRS Airshow
Date: Thu, 5 Sep 1996 09:36:12 -0500
X-Mailer: Microsoft Exchange Server Internet Mail Connector Version 4.0.837.3
Encoding: 24 TEXT

>The esteemed Ralph Fowler wrote:
>> Somebody wrote:
>> > Just be sure you DON'T use a Garmin land or marine unit as they
>> > all shut down at 99 knots!
>>
>> Nice try (in Bob's words) but not quite true. The land units do fine (even
>> at 450 Kts and 30,000 ft).
>> It is the cheap, MARINE Garmins that shut down!

I don't think that's true, either, Ralph. IIRC, Garmin's non-
aviation handhelds, both marine (45) and otherwise (38/40,)
do indeed shut down at approx. 99 knots; their non-handhelds,
like the TrackPacs and the GPS20 and GPS25 OEM boards,
do not. Am I somehow missing information on a Garmin
unit?

If you have different information, I'd like to hear it.

BTW, if anybody out there has built some interesting
device with a GPS20, you won't believe how much better
the GPS25 board is! Wow!

73 de KB9JTT

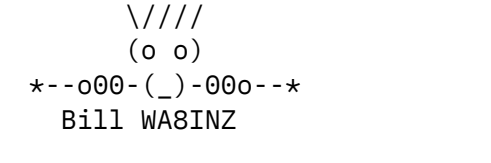
From wa8inz@cris.com Thu Sep 05 09:44:39 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24571 for <aprssig@tapr.org>; Thu, 5
Sep 1996 09:44:38 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id KAA14402; Thu, 5 Sep 1996 10:43:59 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>

Received: from LOCALNAME (cnc801139.concentric.net [206.83.64.139])
     by cliff.cris.com (8.7.5)
     id KAA02406; Thu, 5 Sep 1996 10:44:35 -0400 (EDT)
Message-ID: <322F0372.77A5@cris.com>
Date: Thu, 05 Sep 1996 09:44:34 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4417] Re: WIDE,WIDE,WIDE?
References: <322EB61E.627B@co.pinellas.fl.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin Heyboer wrote:
>
> William Nolle wrote:H> Oh come on, Bill, wake up. Texas is like Florida, flat
as a
> pancake...our wides are 30 to 40 miles apart also and they still can't
> hear half the time....you guys in the hills have a real advantage with
> VHF radio signals....I saw stations at that distance when I was mobile
> up in GA/TN...but not here...no way.
> **
> From: Kevin Heyboer   E-mail:kheyboer@co.pinellas.fl.us
> Amateur Radio Call: KD4UYR   Packet Mail: KD4UYR @W4DPH.#CLW.FL.US
> Assistant Emergency Coordinator and SKYWARN Coordinator
> Greater Pinellas County (St Petersburg/Clearwater) Florida
> **

Hi Kevin, that's realy funny ;-). Actually it's just the other way around, i am in the Tennessee valley surrounded by Big hills and mountains. The way i make sure i can hit the digi is by antenna system. I can easely hit the digi in Birmingham 102 miles away (having to go accross several mountains). Don't tell me on flat land you cannot hit a digi at 30 to 40 miles away, my answer would be install a better antenna system. I aggree things are different for those folks in flat land areas, but not to have to use 3 wides. Some have stated (Including Bob i believe) not to use beams on APRS, well i do and it has and is working great for me and this is what you may have to do to reach a good digi. I mean Kevin it takes about $10 to make one that will do it. I am against (And always will be) using 3 wides, just my opinion folks.

--
     Check out my A.P.R.S Web Page.
       Totally Devoted to APRS
   To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
    http://www.concentric.net/~wa8inz



Bill WA8INZ

wa8inz@cris.com
wa8inz@amsat.org

From barrettd@crpl.cedar-rapids.lib.ia.us Thu Sep 05 09:46:01 1996
Received: from CRPL.CEDAR-RAPIDS.LIB.IA.US (crpl.cedar-rapids.lib.ia.us
[198.134.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA24640 for
<aprssig@tapr.org>; Thu, 5 Sep 1996 09:45:59 -0500 (CDT)
Received: from ppp-102.cedar-rapids.lib.ia.us by CRPL.CEDAR-RAPIDS.LIB.IA.US with
SMTP;
Thu, 5 Sep 1996 9:45:19 -0500 (CDT)
Received: by ppp-102.cedar-rapids.lib.ia.us with Microsoft Mail
id <01BB9B0F.58C375C0@ppp-102.cedar-rapids.lib.ia.us>; Thu, 5 Sep 1996
09:48:09 -0500
Message-ID: <01BB9B0F.58C375C0@ppp-102.cedar-rapids.lib.ia.us>
From: "David E. Barrett" <barrettd@crpl.cedar-rapids.lib.ia.us>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:4414] Re: National APRS Conference
Date: Thu, 5 Sep 1996 09:47:28 -0500
Encoding: 29 TEXT, 52 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

From: Steve Dimse
Sent: Thursday, September 05, 1996 12:57 AM
To: aprssig@tapr.org
Subject: [APRSSIG:4414] Re: National APRS Conference

I would vote for having a national APRS meeting in late October down in Steve's Haven of Key West. As part of proficiency training we could track the most exceptional body painted individuals.(thats a hint as to why I choose Key West in October)

As for all the discussion on unproto path's; anyone have any thoughts on an algorithm that could be used in a program to simulate the results of different unproto paths using an HST or BK file to provide the direct, indirect, and hop information of an existing path?

I'm once again trying this reply in MS Exchange with the mime selection turned off. I'm curious if that fixes the exchange attachment problem.

I'd also like to thank all the people that responded to my inquiry about a Solar Panel charge controller. I found a place that carries QST and read the article. I have 2 Micro M's on the way. Once I finish the Solar Powered remote Wide-Relay with U2000 WX I'll upload a file with JPEG's and a write-up on the whole thing.

barrettd@crpl.cedar-rapids.lib.ia.us http://darn.eye.dont.have.a.web.pag
e/~someday.html :-)

begin 600 WINMAIL.DAT
M>)\^(@H.`0:0" `$`````````!``$``0>0!@`(````Y 0```````#H``$(@ <`

```
M& ```$E032Y-:6-R;W-O9G0@36%I;"Y.;W1E`#$(`0V ! `"`````@`"``$$
MD 8`# $```$````,`````P``, (````+``\.``````(!_P\!````/P``````
M``"!*Q^DOJ,0&9UN`-T!#U0"``````&%P<G-S:6= =&%P<BYO<F<`4TU44 !A
M<')S<VEG0'1A<'(N;W)G```>``(P`0````4```!33510`````!X``S !`````
M$0```&%P<G-S:6= =&%P<BYO<F<``````P`5# $````#`/X/!@```!X``3 !
M````$P```"=A<')S<VEG0'1A<'(N;W)G)P```@$+, $````6````4TU44#I!
M4%)34TE'0%1!4%(N3U)'`````P``.0`````+`$ Z`0````(!]@\!````! ``
M``````(1+@$$@ $`, ```%)%.B!;05!24U-)1SHT-#$T72!293H@3F%T:6]N
M86P@05!24R!#;VYF97)E;F-E`)X.`06 `P`.````S <)``4"0`O`!P`! `Y
M`0$@@ ,`#@```,P'"0`%``D`'P`8``0`)0$!"8 !`"$````X03-$-D4T-C(W
M,#=$,#$Q.4,S-S P,C!!1C1$,S5&,@`"!P$#D 8`? 8``!0````+`",``````
M``,`)@``````"P`I`````````#`"X``````,`-@``````0 `Y`! 3#BDYF[L!
M'@!P``$````P````4D4Z(%M!4%)34TE'.C0T,31=(%)E.B!.871I;VYA;"!!
M4%)3($-O;F9E<F5N8V4``@%Q``$````6`````;N;.2D'1FX]BP<G$="<-P`@
MKTTU\@``'@`>#  $````#````35,``!X`'PP!````&@```%=I;F1O=W,O8F%R
M<F5T=&0O8F%R<F5T=&0````#``80= @MHP,`!Q#:`P``'@`($ $```!E````
M+2TM+2TM+2TM+4923TTZ4U1%5D5$24U315-%3E0Z5$A54E-$05DL4T505$5-
M0D52,#4L,3DY-C$R.C4W04U43SI!4%)34TE'0%1!4%)/4D=354)*14-4.D%0
M4E-324<Z-#0Q- `````"`0D0`0```-8$``#2! ``60<``$Q:1G53F917_P`*
M`0\"%0*D`^0%ZP*#`% 3`U0"`&-H"L!S973N,@8`!L,"@S(#Q@<3`H,B,P]Z
M:&5L`R!$;+IG`H!]"H (SPG9.Q9O>#(U-0* "H$-L0M@;O!G,3 S%" +"A+R
M# $:8P! ( J%"HML:3$$.# "T6DM,30TSPWP#- =,PM9,38*H -@]G0%D 5
M+1]7"H<>"PPP]1[61@-A.B!>'M8,@@8`^1\`=F45, =P$? ?_R$-3P9@`C B
M/R-+5&@(<'.P9&%Y+ 91!3!E!M 1!) @,#4I8#$Y.4(V*E R.C4W$W!-LR3/
M(0U4;R</(TMA'M"Q!!!I9T !D![0+@6PQF<K/R7>=6)J'Q$M7P$C2UM!4%)3
M4TFL1SH=0!TP70?P93*@\$YA=&D"( = $W TH;(@"%!N9@20"?!C)+89&\TS
M-AW7&JE)('>A"&!L9"!V'O$@`A"K!< 1P'8+@&<O(" V`-\UV@> $@`[,@N
M( M@.I&*3Q\@;RGB9&]W`Z!K//$D$R<$($@[$ GP( !O9B!+97D@5_D'D'0N
M$W $( JQ!4 _43L>T1T`8PB0-P`_H'1R>PMQ.S)W)% %H#HR09%C+FM!@!3P
M/&!O/^ @9=YX-Q %,#7D!N!D/Z *L$\+@!\`.E +@&1I.R!DXG4'0',N*$,0
M-< $('T[<&A$T2\@!" ]D#H`:/<_H#GP$;!O0V D4#^&/.+]/74I-SQ (3K"
M!T #($,2>T50!/!U+V$"(#] `Z!UOFX>TD<0"K!#$#[ .R\@_&YY`B D4#L!
M)%!,\4,!>0A@9VA&,4N1`Y$'0&?U!;!I0Q!M0P$UP$)%*>"_2^ 1\$42.V$>
MT0G 84]A>T<0`)!M.C ],D,2%G!S_SHP3E(_8$50#= VT@5 2_J/!"!+4#LS
M`Z!(4U0_0/D%P$)+.K #$%(A3%$#8/]%<5(D15 6<!\@*6!%,E=$]P!P.E!'
MH' \X3K!`, UTK\_0@.10Z $`#RC3'(_-SR\22=/8 (@-Q O(&<+<?U!@7D[
M,D,0! !2<0M0/Z#[//$%X45#L!' &7 D4 /P?T,00P0'<5&@%0`?$4N"=.\(
M<$TP.E _4&9 `%NB2T"_!1 (8 0@!I!/=!T`> >1_T,20Z%>1#7 `9 1L >
M1J'W'M$"8"G +EK..E!%L4<0;1R0:U831@%N0O!*EG#>95B05@)/DE*!< (@
M#;#+0I%'$&U=DG%U5S _H+\!H A@1K$&``;P"L%0`'#_%0!'@0K 7G$%H (P
M`V 5$/\$D&#!.K%+\&6!0$ +8%P![T^$"L (@00@45516$(6</YA0I%#(4!A
M01!6`&OB36/]$B!-01 #8 70/L%?\D,A=G<I0$ `3UOR; %!P7-_7M1J%3X`
M-M%N,@1@.I%7O5:A+35P"V _H%ZC50'06QS0/[!86Y$5$74+4&\/;G$[<%7C
M7J-*4$5']S[!6$([<'=/(70`=;!PEV]'H&>3.S%D?6)M81(`=&QD0 4`"U N
M-Q I,'(Z+4&@<$6 1= <D&(N'0<P+DM0(\-.0'1P.N0O+WM1;BX_D&] /?#U
M`C N36(N?%!"('P@"K!Y7G O?F7 !X I,7X@=,9M`R" `#HM*3C-'M8+"H45
MD0""@ ```P`0$ `````#`!$0`````$ `!S#@K!?J-IN[`4 `"##@K!?J-IN[
?`1X`/0`!````!0```%)%.B ``````P`--/TW``"4XYN[
`
end

From dkaplan@pionet.net Thu Sep 05 09:54:04 1996
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org
```

(8.7.5/8.7.3/1.9) with SMTP id JAA25302 for <aprssig@tapr.org>; Thu, 5 Sep 1996 09:53:59 -0500 (CDT)
Received: from pm1_128.pionet.net by ELWOOD.pionet.net;
(5.65v3.0/1.1.8.2/03Oct95-1046AM)
     id AA08735; Thu, 5 Sep 1996 10:01:41 -0500
Date: Thu, 5 Sep 1996 10:01:41 -0500
Message-Id: <9609051501.AA08735@ELWOOD.pionet.net>
X-Sender: dkaplan@elwood.pionet.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Dave Kaplan <dkaplan@pionet.net>
Subject: Re: [APRSSIG:4412]KC Meeting (was Too much time on my hands)

At 12:35 AM 9/5/96 -0500, you wrote:
>>Of course you would have it in Kansas, but i think it should be in an area
>of >most APRS activity, not because that's where you sre located ;-)
>>
>>No flame just joking Hi.
Kansas City makes alot of sense. For those of you who have to fly commercial (grin) airfares in and out of KC are CHEAP. The are reasonable rate hotels a free shuttle ride away. There's alot of open space, clean air and BBQ!, but it's a long way from KCI airport (30 miles to KC Masterpiece Resturant). There is also an active APRS community willing to work to set it up.

The problem with Dayton is it is too little with too much else going on. I could spend hours learning how to:
1. Make street level maps
2. Design APRS networks (Now was that WIDE or RELAY..humm)
3. Learning to NWS acros the country are using APRS
4. Having people volunteer to present papers of varies uses of APRS
5. Put your subject here.......

APRS has grown to the point that it probably has more users than Oscars at a cheaper entry level, yet amsat has annual meetings for paper presentations as well as going to Dayton. Don't get me wrong--I LOVE Dayton and the chance to get away but, I could learn so much more in a APRS only environment.

Dave Kaplan
WB0WNX-7 Mojave AirMobile

P.S. Even if it is not in KC, I would probably go!

From kf4dys@juno.com Thu Sep 05 10:03:23 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA25875 for <aprssig@tapr.org>; Thu, 5 Sep 1996 10:03:21 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
     id LAA23338; Thu, 05 Sep 1996 11:01:54 EDT
To: aprssig@tapr.org

Date: Thu, 5 Sep 1996 09:03:37 PST
Subject: Re: WX Legal
Message-ID: <19960905.095730.3543.0.kf4dys@juno.com>
References: <322E4652.55D1@cris.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-17
From: kf4dys@juno.com (Joe Foor)

ku0g@sprynet.com wrote:
>
> The Identification issue is already covered in the position report
>as your
> station callsign appears as the FIRST thing in EVERY packet followed
>by the
> digipath. Easy, huh?

I've seen a couple of stations that don't transmit that
way...

I don't know if that's because they set up the TNC with
an alias in as MYCALL, or they used an alias when
entering the station data during the APRS setup
procedure.

regards,
Joe

From sem2r@galen.med.virginia.edu Thu Sep 05 10:18:48 1996
Received: from virginia.edu (mars.itc.Virginia.EDU [128.143.2.9]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA26862 for <aprssig@tapr.org>; Thu, 5 Sep 1996
10:18:42 -0500 (CDT)
Received: from avery.med.virginia.edu by mail.virginia.edu id ab09104;
          5 Sep 96 11:18 EDT
Received: from bootp-109-48.bootp.Virginia.EDU (bootp-109-48.bootp.Virginia.EDU
[128.143.109.48]) by avery.med.Virginia.EDU (8.7.1/8.6.6) with SMTP id LAA139118
for <aprssig@tapr.org>; Thu, 5 Sep 1996 11:18:25 -0400
Message-Id: <199609051518.LAA139118@avery.med.Virginia.EDU>
X-Authentication-Warning: avery.med.Virginia.EDU: Host
bootp-109-48.bootp.Virginia.EDU [128.143.109.48] didn't use HELO protocol
X-Sender: sem2r@avery.med.virginia.edu
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 05 Sep 1996 11:18:25 -0400
To: aprssig@tapr.org
From: "Stacey E. Mills, M.D." <sem2r@galen.med.virginia.edu>
Subject: PicoPacket BBRAM

I'm having a problem with my PicoPacket (2 serial port /DCD model)
defaulting on the RAM settings when the power is turned off. The jumper is
in place and the lithium battery voltage is O.K. Has anyone else had this
problem? Since the default is LOC =0, setting it up as a "standalone"
beacon with my GPS-20 is a bit of a pain.

Stacey E. Mills
E-Mail: sem2r@galen.med.virginia.edu
Office Phone: 804-982-4406
Office Fax: 804-924-8767

From bruninga@nadn.navy.mil Thu Sep 05 10:23:57 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA27151 for <aprssig@tapr.org>; Thu, 5
Sep 1996 10:23:55 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA08202 for <aprssig@tapr.org>; Thu, 5 Sep 1996
11:28:55 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 5 Sep 1996 11:28:54 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: A better WIDE scenario
In-Reply-To: <322EB81B.7CF3@co.pinellas.fl.us>
Message-ID: <Pine.GSO.3.95.960905111206.20219I-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Sep 1996, someone wrote:

> > First, regarding the WIDE,WIDE,WIDE. There are times when a station
> > could be in the middle of a string of WIDE's...
>
> Gotta agree with you Henry...100%...for example...my station is at
> center of a three pronged system....wide to the north, four wides to the
> east (to FL east coast), and two wides to the south.... A path of
> KF4FOH-10,WIDE,WIDE sends the posits in all 3 directions with the first
> call being my local wide. There is no other way to do it..

APRSdos REPLY/COMMENT: Yes there is, and it is better: If you used
WIDE,WIDE,DIGI3,DIGI4, that would hit all 6 digis and you would avoid the
multiple duplication of the 3 W,W,W path you are now using. Yes the
DIGI-10,W,W is the same thing as a 3 WIDE hop since all WIDES after the
first can still be re-duplicated by the first digi.. Also your path would
need DIGI-10,W,W,W to hit the 4th wide to the east, and this is in effect
the same as W,W,W,W !

I thought I would stay out of it this time, but the above message dared me
to come up with a "better way to do it". Oh, in this case, the DIGI3 and
DIGI4 are the 3rd and 4th digis to the east.

The only complexity to the above scenario is whether the originating
station can only hit "one" wide the first time. If he hits two or more
wides direct with his initial packet, then the path could possibley be
shortened even more! (it appears that this is the case, since he was only
using 3 hops, yet intending to go 4 hops to the east.)

There is nothing "absolutely" wrong with any chosen path, but it takes an
"understanding" to use them appropriately and creatively.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From mcinnis@austin.ibm.com Thu Sep 05 10:27:29 1996
Received: from netmail1.austin.ibm.com (netmail1.austin.ibm.com [129.35.208.96])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA27393 for <aprssig@tapr.org>; Thu, 5
Sep 1996 10:27:26 -0500 (CDT)
Received: from babe01.austin.ibm.com (babe01.austin.ibm.com [129.35.227.156]) by
netmail1.austin.ibm.com (8.6.12/8.6.11) with SMTP id KAA36809 for
<aprssig@tapr.org>; Thu, 5 Sep 1996 10:27:21 -0500
Received: by babe01.austin.ibm.com (AIX 4.1/UCB 5.64/4.03-client-2.6)
          for aprssig@tapr.org at austin.ibm.com; id AA26310; Thu, 5 Sep 1996
10:27:19 -0500
From: mcinnis@austin.ibm.com (McInnis)
Message-Id: <9609051527.AA26310@babe01.austin.ibm.com>
Subject: Re: [APRSSIG:4417] Re: WIDE,WIDE,WIDE?
To: aprssig@tapr.org
Date: Thu, 5 Sep 1996 10:27:19 -0500 (CDT)
In-Reply-To: <322EB61E.627B@co.pinellas.fl.us> from "Kevin Heyboer" at Sep 5, 96
06:27:19 am
X-Mailer: ELM [version 2.4 PL25]
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> ...
> Oh come on, Bill, wake up. Texas is like Florida, flat as a
> pancake...
> ....

Smile when you say that son, Texas is a big place. As they say,
it's like a Whole 'nother country. We have hills in some areas.
I will admit most of the people live in the flatlands, though.

--
Mickey McInnis - mcinnis@austin.ibm.com
--
All opinions expressed are my own opinions, not my company's opinions.

From jratchf@bulldog.afsc.k12.ar.us Thu Sep 05 10:34:21 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA27972 for <aprssig@tapr.org>; Thu, 5 Sep 1996
10:34:18 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip4.afsc.k12.ar.us
[170.211.157.178]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id KAA06477
for <aprssig@tapr.org>; Thu, 5 Sep 1996 10:34:08 -0500
Message-Id: <199609051534.KAA06477@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4420] Re: APRS Airshow

Date: Thu, 5 Sep 1996 10:29:45 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Somebody wrote:
> >Just be sure you DON'T use a Garmin land or marine unit as they all
shut
> down at
> >99 knots!

> Then Somebody else wrote:
> Nice try (in Bob's words) but not quite true. The land units do fine
(even
> at 450 Kts and 30,000 ft).
> It is the cheap, MARINE Garmins that shut down!

Whoe Now! It was a legit word of caution. Anyway, we're using Garmin 55
AVD (AViation Device). Please don't get into a shooting match over this!

--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From schiers@ames.net Thu Sep 05 10:35:45 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA28082 for <aprssig@tapr.org>; Thu, 5 Sep 1996
10:35:40 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609051535.KAA28082@tapr.org>
Received: from [206.29.126.237] by ames.net id 54330.wrk; Thu, 5 Sep 1996 10:33:38
-0600
Date: Thu, 05 Sep 96 10:32:40 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4407] Re: WIDE,WIDE,WIDE?
In-Reply-To: <790803@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.1

In <790803@bbs.ames.net>, on 09/04/96 at 10:54 PM,
   aprssig@tapr.org said:

>I don't understand your comment .... these stations are all HF stns that
>are GATEing into my local area (with GATE,WIDE,WIDE,WIDE for the most
>part) ... they are NOT local VHF stations

My comments were intended for VHF only. I don't think I would like it much
if hf stations were to gate,wide,wide,wide without an extremely good

reason.

 73.

hsan schiers, N0AN--
---
schiers@ames.net

From willf@rrgroup.com Thu Sep 05 10:54:51 1996
Received: from rrgroup3.rrgroup.com (rrgroup3.rrgroup.com [204.95.173.65]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA29525 for <aprssig@tapr.org>; Thu, 5
Sep 1996 10:54:50 -0500 (CDT)
Received: by rrgroup3.rrgroup.com with Microsoft Exchange (IMC 4.0.837.3)
     id <01BB9B18.7A8CF880@rrgroup3.rrgroup.com>; Thu, 5 Sep 1996 10:53:32 -0500
Message-ID:
<c=US%a=_%p=RRSystemsGroup%l=RRGROUP3-960905155330Z-1558@rrgroup3.rrgroup.com>
From: Willson Flor <willf@rrgroup.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:4425] Hurrican Fran
Date: Thu, 5 Sep 1996 10:53:30 -0500
X-Mailer: Microsoft Exchange Server Internet Mail Connector Version 4.0.837.3
Encoding: 15 TEXT

J. Scott Ratchford, KC5JGV wrote:
>
>As Fran makes landfall this evening, take a close look at FEMA Office
>of
>Emergency Information & Public Affairs situation breifs. Especially the
>Red Cross and the US&R (Urban Search and Rescue Task Forces) reports.
>You
>will more than likely see references to Ham Radio Operators support.

If anyone is interested in seeing these and is not on the appropriate
FEMA mailing list, they are also available in the USENET news group
alt.disasters.misc.

73 de KB9JTT

From bruninga@nadn.navy.mil Thu Sep 05 11:00:46 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA29864 for <aprssig@tapr.org>; Thu, 5
Sep 1996 11:00:44 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id MAA14365 for <aprssig@tapr.org>; Thu, 5 Sep 1996
12:05:43 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 5 Sep 1996 12:05:43 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: W,W,W Scenario #2
In-Reply-To: <199609051411.JAA04767@bulldog.afsc.k12.ar.us>

Message-ID: <Pine.GSO.3.95.960905115132.20219M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Sep 1996, J. Scott Ratchford, KC5JGV wrote:

> Exactly! When surounded by digis, use the closest (most reliable) one as
> the first hop in your path! ... There will now be three within 40 miles
> of each other. I can hear and hit all three from the QTH but will in no
> way use WIDE WIDE WIDE. This doesn't make sence!

APRSdos REPLY/COMMENT: WRONG as a general rule. If you are surrounded by 3 WIDES, and can hit all three, then VIA a single WIDE will hit all three at once!

Defining the first one by CALL is just wasting a hop and only mildly solves the multiple duplication problem if you are going further.

There are *no* absolute rules. Every path must be tailored to *each* stations situation only. But if you can hit more than one WIDE direct, then it is frequently a good idea to start with WIDE to get your packet initially launched in two or more directions at once. Then once you get beyond two WIDES, then you need to specialize the path.

If you need to go 3 or more hops in two directions then just specialize the path in one direction, say, W,W,A,B,C and use the OPS-DIGI-ALT command to set an alternate path of W,W,X,Y,Z and set it to be used 50% of the time. If you want to go DX in 3 or more ways, then you will have to wait for PacComm to come out with the WIDE-N digi...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From 71301.3106@CompuServe.COM Thu Sep 05 11:11:30 1996
Received: from hil-img-1.compuserve.com (hil-img-1.compuserve.com [149.174.177.131]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA00666 for <aprssig@tapr.org>; Thu, 5 Sep 1996 11:11:19 -0500 (CDT)
Received: by hil-img-1.compuserve.com (8.6.10/5.950515)
id MAA25767; Thu, 5 Sep 1996 12:10:47 -0400
Date: 05 Sep 96 12:09:48 EDT
From: Mike Musick <71301.3106@CompuServe.COM>
To: <aprssig@tapr.org>
Subject: National APRS Meeting?
Message-ID: <960905160948_71301.3106_FHJ52-1@CompuServe.COM>

(was "Re: Too much time on my hands....")

Gee, y'all... demands on time surrounding the Dayton Hamvention are severe enough already. I've not yet gone where I wasn't forced to bypass a forum or a meeting or miss areas of the boneyard or cut short a long-anticipated face-to-face QSO because there just aren't enough hours to do it all. So I say not only "no" on Dayton, but "heck, no!".

And I concur with the observations about the digital conference - too much unrelated technical stuff and not enough "general" draw for anybody but the most hardcore APRS'ers. To me, that's like holding it at a VHF Conference; yes, it's related, but barely.

Jim's KC offer is fine by me, but then, that's but a day trip away. So is Peoria, where I know I'll see several of you.

...mike/N0QBF
71301.3106@compuserve.com

From ad4bl@juno.com Thu Sep 05 11:19:59 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA01496 for <aprssig@tapr.org>; Thu, 5 Sep 1996 11:19:56 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail) id MAA11496; Thu, 05 Sep 1996 12:18:20 EDT
To: aprssig@tapr.org
Date: Thu, 5 Sep 1996 12:16:57 CDT
Subject: Re: [APRSSIG:4425] Hurrican Fran
Message-ID: <19960905.111813.3414.7.ad4bl@juno.com>
References: <199609051353.IAA04453@bulldog.afsc.k12.ar.us>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-2,4,6-16,18-47
From: ad4bl@juno.com (Linda G Mullen)

I take issue with the statement that Hurricane Fran could be a CAT 5 by tonite...
It is a strong CAT 3 now at 115 MPH. Cat 5 is winds higher than 155 MPH. Please don't make statements that can't be backed up by fact. The official
advisories are only saying that Fran could strengthen. It continues to increase
its forward speed and the central pressure is rising...both of which are contra/indicative of strengthening.

Linda Mullen AD4BL DEC East Panhandle District
Northern Florida Section
Email ad4bl@juno.com or ad4bl@beaches.net
"Everything worth doing is scary"

On Thu, 5 Sep 1996 09:33:55 -0500 (CDT) "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us> writes:
>As Fran makes landfall this evening, take a close look at FEMA Office
>of
>Emergency Information & Public Affairs situation breifs. Especially
>the
>Red Cross and the US&R (Urban Search and Rescue Task Forces) reports.
>You
>will more than likely see references to Ham Radio Operators support.
>When this is all over with, I suggest we try to get detailed reports

>on
>the operations success and/or shortfalls. With this information we, as
>a
>group, should look at areas where APRS could have been used and
>whether or
>not we should propose it's use in the future. This could be a group
>discussion at the ARPS convention, if we have one that is.
>At any rate, it looks as though this storm could be a catagory 5 by
>this
>evening and there will be a lot to talk about and discuss. I only hope
>that those folks "down yonder" have taken all precautions and no one
>is
>injured or killed.
>--
>J. Scott Ratchford - KC5JGV - Marshall, Arkansas
>* North Arkansas Amateur Radio Society, Inc.
>* Marshall Volunteer Fire Dept./EMS First Responder
>* Calf Creek Lodge #426
>* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club
>
>

From wa8inz@cris.com Thu Sep 05 11:24:47 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA01806 for <aprssig@tapr.org>; Thu, 5
Sep 1996 11:24:46 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id MAA00763; Thu, 5 Sep 1996 12:24:05 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80340.concentric.net [206.173.114.40])
     by cliff.cris.com (8.7.5)
     id MAA16918; Thu, 5 Sep 1996 12:24:41 -0400 (EDT)
Message-ID: <322F1AE8.5176@cris.com>
Date: Thu, 05 Sep 1996 11:24:40 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Digi Path's
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It looks to me like ALL the messages i have seen in the past few days
regarding digi path's have been from Skywarn people!. This is a great
service and should by all means be helped to grow. But my question is if
this is so vital as a public service then why bother beeing on 145.790 in
the first place?. I hope all the Skywarn folks don't expect all the users
on 145.790 to get off and let it be used for that purpose only. 145.790
is not a very good place for this type of service and in my opinion
should be on a dedicated frequency by itself. I maybe all wrong (To most

i always am) but this seams to be the solution to all of the questions about using 3 wides in the first place. It maybe a good idea to go 9600 on 70cm or whatever. Fellows just stating my thinking, like it or not.

I can remember not to long ago when we (Locally) where using APRS from the Red Cross for some local realy heavy weather conditions that killed several people and all i seen was HF gate'rs using the Bulletin function in APRS to chat back and forth. Just an example why the Skywarn service should be located on another frequency.

Go ahead and flame because i just got my fireproof suit overhauled thank you!. Like i say i believe in free speech on the SIG.

--
Check out my A.P.R.S Web Page.
Totally Devoted to APRS
To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
http://www.concentric.net/~wa8inz

\////
(o o)
--o00-(_)-00o--
Bill WA8INZ
wa8inz@cris.com
wa8inz@amsat.org

From helpdesk@tir.com Thu Sep 05 11:52:26 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA05047 for <aprssig@tapr.org>; Thu, 5 Sep 1996 11:52:24 -0500 (CDT)
Received: from 205.218.86.125 (an187.tir.com [205.218.86.125]) by tir.com (8.7.5/8.7) with SMTP id MAA10777; Thu, 5 Sep 1996 12:47:20 -0400 (EDT)
Date: Thu, 5 Sep 1996 12:47:20 -0400 (EDT)
Message-Id: <199609051647.MAA10777@tir.com>
Subject: Re: second request
To: aprssig@tapr.org
CC: Roger Breckon <n8chb@tir.com>
From: TIR Helpdesk <helpdesk@tir.com>
X-Taken: darkstar Thu Sep 5 12:36:38 1996 ''

Date: Thu, 05 Sep 1996 16:26:21 -0700
From: Roger Breckon <n8chb@.tir.com>
Subject: second request
X-Taken: darkstar Thu Sep 5 12:36:38 1996 ''

Dear sirs, it would be greatly appreciated if you could remove the following individual from this List Service. Please check for, and remove any of the following
email addresses from your mailing list:

UNSUBSCRIBE:
n8chb@tir.com
n8chb@sun.tir.com
n8chb@mail.tir.com
n8chb@.tir.com

 * * * * * NOTE FOR: Roger Breckon <n8chb@.tir.com> * * * * *
Please note that your current email address shown is incorrect. There is not suppose to be a (.) period after the @ sign, as shown in yours. This in itself can cause many problems for you in email. Please remove the period (.) from after the @ sign in your email program configuration/setup.
   I had to remove it before forwarding this email to you so the message could be sent properly.

> Help!
>
> I can not get off the following list.
>
> unsubscribe: list name aprssig@tapr.org
>
> n8chb@tir.com
> n8chb@sun.tir.com
>
> any sugestions?
>
> note:
>   I am using two servers, one is tir and the other is juno
>   I want to keep juno subscribed and unsubscribe tir
>   this list generates on the average of 30 msg a day.
>
> Any ideas would be helpful,
> I am using netscape 3.0 ver 8 beta
>
> thanks,
>
> Roger Breckon
>
>

Larry - The Internet Ramp Helpdesk   http://www.tir.com/~darkstar

From randyh@gvgadg.gvg.tek.com Thu Sep 05 12:01:34 1996
Received: from inet1.tek.com (inet1.tek.com [134.62.48.21]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA05603 for <aprssig@tapr.org>; Thu, 5 Sep 1996 12:01:31 -0500 (CDT)
Received: by inet1.tek.com id <AA24061@inet1.tek.com>; Thu, 5 Sep 1996 10:00:58 -0700
Received: from tektronix.tek.com(134.62.48.24) by inet1 via smap (V1.3)
     id sma025300; Thu Sep 5 10:00:49 1996
Received: from gv-gate.gvg.tek.com (gv-gate.gvg.tek.com [192.65.9.19]) by

tektronix.tek.com (8.7.5/8.7.3) with SMTP id KAA13220 for <aprssig@tapr.org>; Thu, 5 Sep 1996 10:02:21 -0700 (PDT)
Received: from gvgadg.gvg.tek.com by gv-gate.gvg.tek.com (5.0/2.3)
     id AA26769; Thu, 5 Sep 1996 10:00:42 +0800
Received: from hallrpc (hallrpc.gvg.tek.com) by gvgadg.gvg.tek.com (4.1/SMI-4.1)
     id AA26620; Thu, 5 Sep 96 10:00:40 PDT
Message-Id: <9609051700.AA26620@gvgadg.gvg.tek.com>
X-Sender: randyh@gvgadg.gvg.tek.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 05 Sep 1996 10:07:13 -0700
To: aprssig@tapr.org
From: randyh@gvgadg.gvg.tek.com (Randy Hall)
Subject: Re: [APRSSIG:4433] PicoPacket BBRAM

>I'm having a problem with my PicoPacket (2 serial port /DCD model)
>defaulting on the RAM settings when the power is turned off. The jumper is
>in place and the lithium battery voltage is O.K. Has anyone else had this
>problem? Since the default is LOC =0, setting it up as a "standalone"
>beacon with my GPS-20 is a bit of a pain.
>--------
>Stacey E. Mills

You may need to send it back to Paccomm for upgrade.
My Pico also had this problem.

Randy
WA2AGE

From sdimse@bridge.net Thu Sep 05 12:09:47 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA06914 for <aprssig@tapr.org>; Thu, 5 Sep 1996 12:09:44 -0500 (CDT)
Received: from (ppp-mia2-88.bridge.net [204.253.4.88]) by bridge.net (8.7.5/8.7.3) with SMTP id NAA24674 for <aprssig@tapr.org>; Thu, 5 Sep 1996 13:06:41 -0400 (EDT)
Message-Id: <199609051706.NAA24674@bridge.net>
Subject: How about a Virtual Conference?
Date: Thu, 5 Sep 96 13:09:44 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>I'd like to see a siminar on Paths (WIDE WIDE WIDE?) On Digi Setups
>(KPC-3's) On Remote WX staions/digis. Which brings me to the question
>again, has anyone set up a remote combination digi/WX station? Hopefully
>using a KPC-3 and the U2000?
>
Yea, there are four up now in the Florida Keys, plus mine when I'm not
there (when I'm there I leave a computer on running MacAPRS). Email me if

you have questions.

>The subjects on siminars are simple, take each and every command and talk
>about it for and hour or two! Then, when we all wake up we'll be a bit
>smarter! hihi
>
OK, so why not have people, instead of preparing and giving a talk, write it up? Do it as an html file (I'll volunteer to turn anyone's text file into html if they can't). Then we collect all these files, link them together, put them up on the TAPR server and other places. Sounds like that would be whole lot more useful than a one shot conference...it would be a virtual conference that keeps on giving....Sort of a FAQ on steroids.

We'd need a coordinator to collect the files, link and FTP them. I'd think about doing it if no one else wants to (but I'd rather not...I'd much rather work on javAPRS). If the group does decide to do this, we'll need some rules to slow the inevitable degeneration into flame-wars... These would need to be agreed upon prior to starting.

Ground rules I'd propose:

(These are just suggestions...there needs to be a lot of discussion about this.) The rules hopefully can be agreed upon after discussion by consensus but if there reains significant disagreement, a vote can be held. (See below)

The virtual conference coordinator position is by calendar year, decided by vote if more than one candidate wants the job. Voting open to any ham (valid license required, no non-ham relatives!) registered on the aprs sig when the vote is held, say first week in December). Votes would be emailed with callsign to some trusted 3rd party, maybe TAPR, for verification. First year would be for what is left of 96 and all of 97.

The structure of the overall site and the graphic layout, would be the sole responsibility of the coordinator. The coordinator could make cosmetic changes in submissions to preserve a common the look and feel.

The coordinator would maintain a listing (preferable available on the internet) of who is working on a given topic, to prevent unneeded duplication of effort. However, no one "owns" a topic, and no one is to be discouraged from writing about something that interests them.

If the coordinator wanted to contribute subject matter, it would be on the same basis as everyone else, no priority!

All submissions are identified by name and callsign in a stardard manner designed by the coordinator, and can, at the author's choice, be a single URL link (for example an http: link to the authors home page or a mailto: link to their email address). The date of submission would also be clearly displayed.

When more than one person contributes on a single subject, all contributions will used (i.e. no censorship). The way the contributions

would be combined would be up to the coordinator, but any priority would be based on time of submission. For example, if two people submitted multi-page writeups on a command, the coordinator might elect to creat a page in the conference that briefly summarized the two submission and had links to them. A page talking about unproto paths with dozens of relatively short contributions might have all comments on a long single page, in order they were recieved, with a table of contents at the top.

When an author changes his material on a certain subject, he loses his priority over others, and only a single submission per person on a given topic. This is designed to prevent people from turning in something really fast and ugly just to have the first slot.

No one may modify or reuse the material submitted by another without their permission, however if you submit material you agree to it's distribution as part of the whole, on internet, CD ROM, or any other means, in perpetuity. (You can't take your marbles and go home!)

Material can only be removed at the request of the author, or after a set time period (say 1 year), if it has not been updated by the author, and the coordinator feels it is out of date. The author should be notified of this in advance and given a chance to update it if desired.

I think it would be really great to see the sig do something useful like this. Comments???

Steve KO4HD

From sdimse@bridge.net Thu Sep 05 12:57:40 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA10933 for <aprssig@tapr.org>; Thu, 5 Sep 1996 12:57:39 -0500 (CDT)
Received: from (ppp-mia2-88.bridge.net [204.253.4.88]) by bridge.net (8.7.5/8.7.3) with SMTP id NAA28693 for <aprssig@tapr.org>; Thu, 5 Sep 1996 13:54:37 -0400 (EDT)
Message-Id: <199609051754.NAA28693@bridge.net>
Subject: Re: [APRSSIG:4430] Re: National APRS Conference
Date: Thu, 5 Sep 96 13:57:40 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

*** Begin non APRS related stuff ***
>I would vote for having a national APRS meeting in late October down in
>Steve's Haven of Key West. As part of proficiency training we could track
>the most exceptional body painted individuals.(thats a hint as to why I
>choose Key West in October)
>
Sorry to disappoint all, but the Key West City Council banned body painting this year. Next year, when the businessmen complain about the lost revenue, it will be legal again. We've been through this cycle

before (body painting has been banned for 3 of the last 10 years, and is always overturned the next year.) Politics.

For those of you who aren't following this, see:

http://www.bridge.net/~sdimse/fantfest.html

*** End non APRS related stuff ***

Insert Flames here:

Then mail it to yourself, you'll feel better, hi!

Steve KO4HD

From jratchf@bulldog.afsc.k12.ar.us Thu Sep 05 13:12:11 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA12160 for <aprssig@tapr.org>; Thu, 5 Sep 1996 13:12:08 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip3.afsc.k12.ar.us [170.211.157.177]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id NAA08861 for <aprssig@tapr.org>; Thu, 5 Sep 1996 13:11:57 -0500
Message-Id: <199609051811.NAA08861@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4433] PicoPacket BBRAM
Date: Thu, 5 Sep 1996 12:59:11 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> I'm having a problem with my PicoPacket (2 serial port /DCD model)
> defaulting on the RAM settings when the power is turned off. The jumper is
> in place and the lithium battery voltage is O.K. Has anyone else had this
> problem? Since the default is LOC =0, setting it up as a "standalone"
> beacon with my GPS-20 is a bit of a pain.
> --------
> Stacey E. Mills

Look for the obvious..... is the battery in upside down? Is it making contact? Have you tried another one?
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From wo0e@sky.net Thu Sep 05 13:46:29 1996
Received: from sky.net (wo0e@solar.sky.net [198.70.175.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA13970 for <aprssig@tapr.org>; Thu, 5 Sep 1996
13:46:25 -0500 (CDT)
Received: from localhost (wo0e@localhost) by sky.net (8.7.3/8.7.3) with SMTP id
NAA25554 for <aprssig@tapr.org>; Thu, 5 Sep 1996 13:46:09 -0500 (CDT)
Date: Thu, 5 Sep 1996 13:46:09 -0500 (CDT)
From: Bill Lefler <wo0e@sky.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4431] Re: C Meeting (was Too much time on my hands)
In-Reply-To: <9609051501.AA08735@ELWOOD.pionet.net>
Message-ID: <Pine.GSO.3.93.960905134229.23498A-100000@sky.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would also like to add (perhaps Support would be the more appropriate
term) to the flurry of Subject matters to be discussed at a Gathering. I
agree with the suggestion of making maps. There are many maps available,
but it would be nice to make my own. Also a wider knowledge base would
allow those with the time to be able to contribute. Just my $0.02 worth.

****
wo0e@sky.net - Bill Lefler - Kansas City KS
Amateur Radio - WO0E (Dub-Yo-Zeree)
"Life is a Reach! Sheet in and Hike Hard!"
****

From sproul@ap.org Thu Sep 05 13:47:05 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id NAA14007 for <aprssig@tapr.org>; Thu, 5 Sep 1996 13:47:02 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
     id OAA09993; Thu, 5 Sep 1996 14:42:10 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007809ae54c9b4c8aa@[165.1.27.20]>
In-Reply-To: <199609051706.NAA24674@bridge.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 5 Sep 1996 14:22:43 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: How about a Virtual Conference?

>OK, so why not have people, instead of preparing and giving a talk, write
>it up? Do it as an html file (I'll volunteer to turn anyone's text file
>into html if they can't). Then we collect all these files, link them
>together, put them up on the TAPR server and other places. Sounds like
>that would be whole lot more useful than a one shot conference...it would
>be a virtual conference that keeps on giving....Sort of a FAQ on steroids.
>>time period (say 1 year), if it has not been updated by the author, and
>the coordinator feels it is out of date. The author should be notified of
>this in advance and given a chance to update it if desired.
>

[much deleted]

>I think it would be really great to see the sig do something useful like
>this. Comments???
>
>Steve KO4HD

I have done a little of this already for WinAPRS, and will continue to do so. I of course will not get directly involved with dosAPRS but would volunteer to be the web cordinator and maintain the web pages. Keith and I have already put ALL of the dosAPRS docs in HTML form, they are on our CD-ROM. And as most of you know, the ONLY docs on WinAPRS are in HTML.

Though out the WinAPRS docs, I have taken peoples questions, coments, etc to heart when doing the documentation, one person, (Arthur Martin, N2QAE) did a real nice write up of the Win32S instalation, I made it into HTML, made it look like the rest of the docs, put his name and gave him credit, and included in the general WinAPRS docs. I would very much like to continue this as per Steves comments and do invite submissions now for more info on Mac/WinAPRS. I will maintian the dosAPRS stuff as well if asked.

Mark

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From bruninga@nadn.navy.mil Thu Sep 05 13:55:59 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA14872 for <aprssig@tapr.org>; Thu, 5 Sep 1996 13:55:57 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id PAA17885 for <aprssig@tapr.org>; Thu, 5 Sep 1996 15:00:54 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 5 Sep 1996 15:00:53 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: WX digi paths!
In-Reply-To: <322F1AE8.5176@cris.com>
Message-ID: <Pine.GSO.3.95.960905145138.25054B-100000@arctic>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Sep 1996, William Nolle wrote:

> [..most] of the messages i have seen regarding digi path's have been
> from Skywarn people!. This is a great service and should .. be helped to
> grow. But ... if this is so vital as a public service then why bother
> being on 145.790 in the first place?.

APRSdos REPLY/COMMENT: THis is a good point, and since we are working on
a new solar powered stand-alone WX-MIM which is a complete remote WX
station, TNC, radio, antenna, and solar power system all rolled into one,
it is time to consider getting a coordinated UHF freq in each area for
these remote WX sites. WX is a local phenomenon and FIXED locations, so
different freqs in each kingdom is just fine... Go get your UHF freq
while you can!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From wendysue@global2000.net Thu Sep 05 13:57:42 1996
Received: from mail.global2000.net (mail.global2000.net [198.69.121.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA14974 for <aprssig@tapr.org>; Thu, 5
Sep 1996 13:57:40 -0500 (CDT)
Received: from test.global2000.net (dialup-16.global2000.net [205.247.145.116]) by
mail.global2000.net (8.7.5/8.6.9) with SMTP id OAA00185 for <aprssig@tapr.org>;
Thu, 5 Sep 1996 14:57:38 -0400
Message-ID: <322F22AF.3B06@global2000.net>
Date: Thu, 05 Sep 1996 14:57:51 -0400
From: John M Domblewski <wendysue@global2000.net>
Organization: Mobile Office Services
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4445] How about a Virtual Conference?
References: <199609051706.NAA24674@bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:
>
> >I'd like to see a siminar on Paths (WIDE WIDE WIDE?) On Digi Setups
> >(KPC-3's) On Remote WX staions/digis. Which brings me to the question
> >again, has anyone set up a remote combination digi/WX station? Hopefully
> >using a KPC-3 and the U2000?
> >
> Yea, there are four up now in the Florida Keys, plus mine when I'm not
> there (when I'm there I leave a computer on running MacAPRS). Email me if
> you have questions.
>
> >The subjects on siminars are simple, take each and every command and talk
> >about it for and hour or two! Then, when we all wake up we'll be a bit
> >smarter! hihi

> >
> OK, so why not have people, instead of preparing and giving a talk, write
> it up? Do it as an html file (I'll volunteer to turn anyone's text file
> into html if they can't). Then we collect all these files, link them
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> that would be whole lot more useful than a one shot conference...it would
> be a virtual conference that keeps on giving....Sort of a FAQ on steroids.
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> We'd need a coordinator to collect the files, link and FTP them. I'd
> think about doing it if no one else wants to (but I'd rather not...I'd
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> need some rules to slow the inevitable degeneration into flame-wars...
> These would need to be agreed upon prior to starting.
>
> Ground rules I'd propose:
>
> (These are just suggestions...there needs to be a lot of discussion about
> this.) The rules hopefully can be agreed upon after discussion by
> consensus but if there reains significant disagreement, a vote can be
> held. (See below)
>
> The virtual conference coordinator position is by calendar year, decided
> by vote if more than one candidate wants the job. Voting open to any ham
> (valid license required, no non-ham relatives!) registered on the aprs
> sig when the vote is held, say first week in December). Votes would be
> emailed with callsign to some trusted 3rd party, maybe TAPR, for
> verification. First year would be for what is left of 96 and all of 97.
>
> The structure of the overall site and the graphic layout, would be the
> sole responsibility of the coordinator. The coordinator could make
> cosmetic changes in submissions to preserve a common the look and feel.
>
> The coordinator would maintain a listing (preferable available on the
> internet) of who is working on a given topic, to prevent unneeded
> duplication of effort. However, no one "owns" a topic, and no one is to
> be discouraged from writing about something that interests them.
>
> If the coordinator wanted to contribute subject matter, it would be on
> the same basis as everyone else, no priority!
>
> All submissions are identified by name and callsign in a stardard manner
> designed by the coordinator, and can, at the author's choice, be a single
> URL link (for example an http: link to the authors home page or a mailto:
> link to their email address). The date of submission would also be
> clearly displayed.
>
> When more than one person contributes on a single subject, all
> contributions will used (i.e. no censorship). The way the contributions
> would be combined would be up to the coordinator, but any priority would
> be based on time of submission. For example, if two people submitted
> multi-page writeups on a command, the coordinator might elect to creat a
> page in the conference that briefly summarized the two submission and had
> links to them. A page talking about unproto paths with dozens of

> relatively short contributions might have all comments on a long single
> page, in order they were recieved, with a table of contents at the top.
>
> When an author changes his material on a certain subject, he loses his
> priority over others, and only a single submission per person on a given
> topic. This is designed to prevent people from turning in something
> really fast and ugly just to have the first slot.
>
> No one may modify or reuse the material submitted by another without
> their permission, however if you submit material you agree to it's
> distribution as part of the whole, on internet, CD ROM, or any other
> means, in perpetuity. (You can't take your marbles and go home!)
>
> Material can only be removed at the request of the author, or after a set
> time period (say 1 year), if it has not been updated by the author, and
> the coordinator feels it is out of date. The author should be notified of
> this in advance and given a chance to update it if desired.
>
> I think it would be really great to see the sig do something useful like
> this. Comments???
>

> Steve KO4HD

I'd really like to see something like this done . Conference or not!

John << N2OJY >>

From rkramer@vaxxine.com Thu Sep 05 16:07:21 1996
Received: from alpha.vaxxine.com (root@alpha.vaxxine.com [198.53.148.5]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA23840 for <aprssig@tapr.org>; Thu, 5
Sep 1996 16:07:17 -0500 (CDT)
Received: from slip39.niagara.net by alpha.vaxxine.com;
(5.65/1.1.8.2/18Nov94-1210PM)
     id AA19563; Thu, 5 Sep 1996 17:13:24 -0400
From: rkramer@vaxxine.com (Ronald Kramer)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4426] Re: WX display formats
Date: Thu, 05 Sep 1996 22:07:20 GMT
Message-Id: <322f4eb0.424612614@vaxxine.com>
References: <Pine.GSO.3.95.960905100655.20219C-100000@arctic>
In-Reply-To: <Pine.GSO.3.95.960905100655.20219C-100000@arctic>
X-Mailer: Forte Agent .99e/32.227

On Thu, 5 Sep 1996 09:38:13 -0500 (CDT), you wrote:

>APRSdos REPLY/COMMENT: WX fade to gray will be fixed in 77a and the WIND
>direction indicator now only shows up if there IS wind. Makes no sense
>otherwise, just confusing.
>
>Reply mail addr: wb4apr@amsat.org

Bob where can I obtain a copy of 77a, I have been looking for it
for the past week on TAPR upload directory but it has not shown
up, I would like to see myself on the screen....
73
Regards, Ron ...   73 de Ron
         Internet: rkramer@vaxxine.com (Ron Kramer)
         Packet: ve3mx@ve3snp.#niag.on.can (sysop VE3SNP BBS)

From n2czf@magg.net Thu Sep 05 16:52:52 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA25492 for <aprssig@tapr.org>; Thu, 5 Sep 1996
16:52:51 -0500 (CDT)
Received: from Cybergate (wpb-105.magg.net [205.218.112.105]) by grumpy.magg.net
(8.7.5/8.7.3) with SMTP id RAA19101 for <aprssig@tapr.org>; Thu, 5 Sep 1996
17:52:47 -0400
Date: Thu, 5 Sep 1996 17:52:47 -0400
Message-Id: <199609052152.RAA19101@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:4445] How about a Virtual Conference?

I am game. I am also game for a bi-weekly IRC chat channel. If enough users
have PPP access this should be quite interesting. I have never used a IRC
channel but am willing to learn if it means a bi-weekly "meeting" or so.

snip***
>OK, so why not have people, instead of preparing and giving a talk, write
>it up? Do it as an html file (I'll volunteer to turn anyone's text file
>into html if they can't). Then we collect all these files, link them
>together, put them up on the TAPR server and other places. Sounds like
>that would be whole lot more useful than a one shot conference...it would
>be a virtual conference that keeps on giving....Sort of a FAQ on steroids.

>I think it would be really great to see the sig do something useful like
>this. Comments???
>
>Steve KO4HD
>
>
73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net   (E-Mail)
http://www.magg.net/~n2czf   (Personal)
http://www.magg.net/~n2czf/aprs.html   (Florida APRS)
http://www.magg.net/~n2czf/brothers.html   (Brothers to the Rescue Human
Rights Group)

From CHEAD@exame2.dseg.ti.com Thu Sep 05 17:04:09 1996
Received: from gatekeep.ti.com (news.ti.com [192.94.94.33]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id RAA25975 for <aprssig@tapr.org>; Thu, 5 Sep 1996 17:03:51 -0500 (CDT)
Received: from lesol1.dseg.ti.com ([157.170.147.17]) by gatekeep.ti.com (8.6.13) with ESMTP id RAA22761 for <aprssig@tapr.org>; Thu, 5 Sep 1996 17:03:05 -0500
Received: from exame2.dseg.ti.com (EXAME2.dseg.ti.com [128.247.183.127]) by lesol1.dseg.ti.com (8.6.9/8.6.6) with SMTP id RAA24429 for <aprssig@tapr.org>; Thu, 5 Sep 1996 17:02:35 -0500
Date: Thu, 5 Sep 1996 17:03:09 -0500 (CDT)
From: Claude 995-5040 pager 4541 <CHEAD@exame2.dseg.ti.com>
To: aprssig@tapr.org
CC: CHEAD@exame2.dseg.ti.com
Message-Id: <960905170309.204200f9@exame2.dseg.ti.com>
Subject: Laptop computer vehicle mounts

A couple of weeks ago I asked for any information or experience that was available about mounting laptop computers in a car. Thanks to those who responded with their information and experience. I've kept looking around for more options, since I still didn't have a clear idea of how to do what I needed to do. Today I ran across a company whose entire business is specialized mounts for computers, radios, cellular phones, and various electronic equipment in vehicles! As yet I can't vouch for this company, but am posting the information about it here so that others can tap this information if they wish to.

  Gamber-Johnson
  801 Francis Street
  Stevens Point, WI 54481
  1-800-456-6868

  http://www.coredcs.com/~gamberj/   Web page

  gamberj@chaos.coredcs.com   e-mail

I called their 800 number this afternoon, spoke with a very pleasant young lady, and they are mailing me a copy of their catalog. It even turns out that they have a basic mount specifically designed for a Chevy Caprice, which is the car I need to put the equipment in!

There is an awful lot of what you need out there, somewhere - the problem is FINDING it! Enjoy.

   73, Claude
       K5DTN

From RGervenack@aol.com Thu Sep 05 17:21:49 1996
Received: from emout09.mail.aol.com (emout09.mx.aol.com [198.81.11.24]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA26817 for <APRSSIG@tapr.org>; Thu, 5 Sep 1996 17:21:47 -0500 (CDT)
From: RGervenack@aol.com
Received: by emout09.mail.aol.com (8.6.12/8.6.12) id SAA03954 for APRSSIG@tapr.org; Thu, 5 Sep 1996 18:21:05 -0400
Date: Thu, 5 Sep 1996 18:21:05 -0400
Message-ID: <960905182104_195159386@emout09.mail.aol.com>

To: APRSSIG@tapr.org
Subject: MFJ 1270C Problem

I am using the following:

12 volt battery
12 volt to 5 volt converter to Garmin 20
Garmin 20 + antenna
MFJ 1270C
Alinco DR-130 transciever, 145.790

I have been unable get the MFJ 1270C to transmit data to the Alinco DR-130.
Am I missing a command?
I sure would appreciate any help so I my get going mobile.

73, GERVIE

From z004391b@bcfreenet.seflin.lib.fl.us Thu Sep 05 17:48:34 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA28181 for
<aprssig@tapr.org>; Thu, 5 Sep 1996 17:48:32 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id SAA27345; Thu, 5 Sep 1996 18:47:51 -0400
Date: Thu, 5 Sep 1996 18:47:50 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:4405] Re: WIDE,WIDE,WIDE?
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <199609050333.XAA06167@bridge.net>
Message-ID: <Pine.3.89.9609051833.B20730-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks Steve, a good reply. APRS was written, I believe, with the mobile
user in mind where the mobile station may not know the call signs or
paths. Multiple wides is the only recourse.
73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Wed, 4 Sep 1996, Steve Dimse wrote:

> >20 to 30 miles apart, that's realy close (And to close to be using 3 wide's,
> >come on now. Play the games by the rules or don't play at all. Not trying to
> >flame you but 3 wides is asking for problems. Get a better antenna that's
> >what it sounds like you need. I get stations 160 miles away, Just before
> >getting on here i was keyboarding with a user in Atlanta and the digi i was
> >using was 102 miles away and i was not using 3 wides.
>
> Yes, but here in the flatlands, where the digis are 100-200 feet high, 30

> miles is just about right. Not everyone can put digis on mountains, and
> space on the few really big towers costs really big bucks! The name of
> the game here is communication, and you have to do what works. Sure, I'd
> love to live in a place where the digis were 2000 feet up and 100 miles
> apart. But if we put one digi every hundred miles in South Florida we'd
> never see each other. Also, you seem to forget that APRS is about
> tracking things, not keyboarding. Sure, high power and a big beam antenna
> will work further than a mobile, but it's not what I want in APRS. You
> really ought to be more tolerant of other people's needs.
>
> Steve KO4HD
>

From ronald@cyberstreet.com Thu Sep 05 18:26:02 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA00292 for <aprssig@tapr.org>; Thu, 5
Sep 1996 18:26:01 -0500 (CDT)
Received: from ronald.cyberstreet.com ([207.30.55.33])
          by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)
          with SMTP id AAA69 for <aprssig@tapr.org>;
          Thu, 5 Sep 1996 19:29:55 -0400
Message-Id: <2.2.32.19960905232826.0070da08@mail.cyberstreet.com>
X-Sender: ronald@mail.cyberstreet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 05 Sep 1996 19:28:26 -0400
To: aprssig@tapr.org
From: Ronald Oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSIG:4403] WIDE,WIDE,WIDE, GATE, and ERROR MESSAGES

At 10:04 PM 9/4/96 -0500, you wrote:
>In APRSSIG digest 681 it twas written regarding WIDE,WIDE,WIDE:
>
>>   Bob, Mark, and Keith,
>>   It's too bad the APRS software can't check the unproto path for this
>> condition and put up an error message(smirk..smirk.. hint.. hint).
>
>This is not an error. It may not be the best operating procedure, but
>it's not an error. The last thing we need is another stupid message
>like the one for a vhf station running GATE.
>
>First, regarding the WIDE,WIDE,WIDE. There are times when a station
>could be in the middle of a string of WIDE's and using that path to
>propagate two or more directions MAY be correct, just like there are
>times when using RELAY or WIDE is really acceptable for the 1st digi in
>the path for a Base station, or RELAY is acceptable for the last station
>in a digi path, or etc., etc., etc.
>
>I spent several hours a few weeks ago in a mobile where the only way to
>get the traffic to me was by using a RELAY on the end of the incoming
>path, because I could only hear one of two base stations at a time, but
>they both could hear the WIDE, and could not hear each other. If the

>last digi had been a particular station, then I would have been cut off
>from the world at certain times. We can't make concrete rules because
>they always need to be broken.
>
>Second, regarding the message that VHF users should not use GATE in
>their path. There are times that a VHF user SHOULD use GATE, like when
>I am 500 miles from home and use WIDE,GATE,GATE,Call in my path 5% of
>the time to get a position report or a message back home. I'm certainly
>not choking the net anymore than the inane stuff that I am treated to
>every day by HF stations that do not know (or do not care to learn) how
>to set their path properly (reference the routine message traffic
>between two HF stations using a path of GATE, WIDE, WIDE!)
>
>The point is: We don't need another message in the program telling us
>what is right or wrong. VHF users have been using GATE in their paths
>for months and ignoring the message, like the VHF bozo in the Chicago
>area using RELAY, WIDE, GATE, WIDE, WIDE (an impossible path by the
>way.) This guy refuses to change his path, so we just budlist him.
>
>Users should learn how to set their path correctly, and more important,
>how paths REALLY operate. This is the responsibility of the local user
>group to educate new users in proper paths, since the documentation is
>sorely lacking on this topic (one of the things that should be a seminar
>topic at the National APRS Convention!)
>
>In addition, the DosAPRS message about VHF users on the GATE should be
>removed because 1: it is ignored, 2: it is not accurate, 3: it and the
>program logic to compute and display it wastes precious memory space.
>
>Don't bother sending me mail or posting to the SIG on this topic unless
>you have an excellent understanding of digipath operations. I have been
>working on them for almost two years and understand more than most users
>do on the subject.
>
>Henry
>N9WMM
>henryvb@dpliv.com
>
>
>Henry: What source would you recommend that a newcomer like me could
        get the most out of?

 ronald@cyberstreet.com
73 cu Ron"KD4AMS"

From bruninga@nadn.navy.mil Thu Sep 05 22:42:28 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA10805 for <aprssig@tapr.org>; Thu, 5
Sep 1996 22:42:26 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id XAA23770 for <aprssig@tapr.org>; Thu, 5 Sep 1996
23:47:25 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Thu, 5 Sep 1996 23:47:25 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4452] Re: WX display formats
In-Reply-To: <322f4eb0.424612614@vaxxine.com>
Message-ID: <Pine.GSO.3.95.960905234441.23081C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Sep 1996, Ronald Kramer wrote:

> Bob where can I obtain a copy of 77a, I have been looking for it
> for the past week on TAPR upload directory but it has not shown
> up, I would like to see myself on the screen....

APRSdos REPLY/COMMENT: Sorry for the delay. I just got a WeatherMAX unit
and was going to wait until I added the WXmax interface. Probably be
finished in middle of next week.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Thu Sep 05 22:47:38 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA10910 for <aprssig@tapr.org>; Thu, 5
Sep 1996 22:47:36 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id XAA23849; Thu, 5 Sep 1996 23:52:32 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 5 Sep 1996 23:52:31 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: KD1E@aol.com
cc: aprssig@tapr.org
Subject: Re: APRS77 question
In-Reply-To: <960905171129_472476787@emout12.mail.aol.com>
Message-ID: <Pine.GSO.3.95.960905234852.23081D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I can explain it! In order not to have to re-do the entire CONFIG file,
and since I never finished the AMTOR implementation, I re-defined that
single variable to be the indicator for the "type of WX display"
variable. (or some such new variable I needed recently)

 So if you are going back and forth betwen 77 and earlier versions, the
older versins may intermret the config file as AMTOR mode!

 On Thu, 5 Sep 1996 KD1E@aol.com wrote:

> Hi Bob

>
> I have the problem with 77 that I can't explain. It's probably something I
> missed somehow. When I pring up the system, a few minutes later it indicates
> I'm in the AMTOR mode. If I do an Alt S the FORMAT command is missing in the
> setup string. If I quit the system and get back in the FORMAT command is
> there and I can do an APRSonly command and everthing runs fine from then on.
> (Ecexpt my Wx symbol fades to grey, as been reported).   Something evidently
> is changing me to the AMTOR mode. I am using a KPC-3, as I have for years.
> Any suggestions?
>
> Hey the Wx zero wind speed indicator (dot) really clears up the confusion.
> The NWS guys love it, and so do my operators. Thanks & 73   John
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Thu Sep 05 23:13:44 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA11952 for <aprssig@tapr.org>; Thu, 5
Sep 1996 23:13:42 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id AAA25324 for <aprssig@tapr.org>; Fri, 6 Sep 1996
00:18:42 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 6 Sep 1996 00:18:42 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS @ ARRL Natl Conv in Peoria 13-15 Sept
In-Reply-To: <322F9621.3CAC@dpliv.com>
Message-ID: <Pine.GSO.3.95.960906001057.23081I-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Sep 1996, henryvb wrote essentially the following:

> It turns out that there is one "APRS" booth in Peoria for everyone
> APRS-related to share. Bob and Keith will be there with DOS/Win/Mac
> stuff and the guy who wrote the Mac mapmaking program will be there,
> and it looks like NIAN will be there also.
>
> NIAN folks will bring computers and an overhead display unit to show
> DosAPRS, along with GPS stuff, our usual show materials.

APRSdos REPLY/COMMENT: Well this is starting to look like a GREAT
opportunity!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From morganb@admin.inetport.com Fri Sep 06 01:17:28 1996
Received: from admin.inetport.com (root@inetport.com [206.64.12.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id BAA22974 for <aprssig@tapr.org>; Fri, 6 Sep 1996
01:17:22 -0500 (CDT)
Received: from mail.inetport.com (md3.inetport.com [206.64.12.23]) by
admin.inetport.com (8.7.5/8.7.3) with SMTP id BAA11519 for <aprssig@tapr.org>;
Fri, 6 Sep 1996 01:19:11 -0500
Date: Fri, 6 Sep 1996 01:19:11 -0500
Message-Id: <199609060619.BAA11519@admin.inetport.com>
X-Sender: morganb@inetport.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: morganb@admin.inetport.com (Robert B. Morgan)
Subject: part 3/4 APRS L3 (TexNet)

L3 APRS part 3/4

DIGIS.TXT 7.4c   AUTOMATIC PACKET REPORTING SYSTEM DIGIPEATERS
(APRS .txt file continued::

**********   WIDE-N ALL DIRECTION GENERIC DIGIPEATING!   **********
          THE ULTIMATE SOLUTION FOR MOBILE POSITION REPORTING

    This may be the simplest mechanism for making an order of magnitude improvement in APRS status and position reporting networks. In a WIDE-N network, each WIDE digi simply repeats ANY packet with the VIA address of WIDE-N; but ONLY ONCE. If it keeps a copy of the last 30 seconds of packets, (or at least a copy of the FCS) and compares each new packet that it hears with the LAST one that it digipeated, then it could decide NOT TO TRANSMIT it again! This would completely eliminate the multiple round-robin multiplication of packets generated when a mobile station uses the present generic path of WIDE,WIDE,WIDE. As it is now, such a 3 tier path launched in the middle of 3 WIDE digipeaters that all hear each other can generate as many as 3x3x3 or 27 duplicates in the area. If each WIDE-N only digipeated the packet once, then there would only be 3 local copies generated, and the packet would still propagate outward 3 levels in all directions in the usual manner! Since this algorithm has uses on ALL amateur packet networks needing a FLOODing mechanism for special packets of interest to everyone, I am calling it the FLOOD-N algorithm. For APRS, however, I will still refer to it as the WIDE-N algorithm.

NUMBER OF HOPS: Using the via path of WIDE-N, each DIGI that repeats the packet decrements the WIDE-SSID by one. This way, each packet carries along with it information on how many times it has bounced through the network. The user specifies how far it goes, by the initial setting of the SSID! If he sets it to WIDE-7, then the packet could be digipeated as many as seven times outward. A local commuter might select WIDE-2 to cover his area while limiting DX QRM.

NEW TNC COMMANDS REQUIRED: To make this work, there are three new TNC

commands needed:

MYFlood: This command, similar to MYAlias, sets up the callsign at the digipeater to be used as the FLOOD-N callsign. In APRS networks, we will use WIDE. THIS IS FOR UI FRAMES ONLY! That plus the AGELimit below, makes it un-useable for connected frames, and for abuse.

HOPLimit: This is a SYSOP parameter that can be used to limit the maximum number of HOPS permitted in a network. Already the maximum number of hops is limited to 7, since the upper bit of the SSID is reserved for future use. However, on NON-APRS networks, some SYSOPS may feel empowered to limit the maximum number of hops to some smaller number.

AGELimit: The WIDE-N digi has to keep a copy of all digipeated packets for a brief period for comparison with new packets heard. This is the key to the WIDE-N algorithm. Every digi that hears a UI packet will digipeat it, BUT ONLY ONCE. To do this, it compares each new packet with all packets digipeated in the last X seconds. This X age-limit needs to be a variable depending on the speed of the network. If the time is too long, then the list is big, If it is too short, then there is the chance that a packet may propogate in a circle and get repeated again. My guess is that 30 seconds is a good default value for 1200 baud channels. Howie Goldstein, N2WX has improved the effeciency of this idea, by only saving and comparing the CHECKSUM of the packets, instead of the whole packet.

If ALL APRS WIDE area digipeaters changed over to the WIDE-N code, we would HAVE THE ULTIMATE GENERIC MOBILE GPS NETWORK! Metropolitan area commuters could set their digi paths to WIDE-2 and Mobiles on extended trips within a 200 mile radius of home could be tracked with a path of WIDE-5, without fear of clogging the network! This WIDE-N algorithm is so powerful that it could even be added to ALL TNC's as a FLOOD-N mode. It would only work on UI frames and would default to the generic callsign of FLOOD. That way, on ANY packet frequency, a UI frame launched into the air, could be seen by EVERYONE!

-----TexNet comment: I will have to think about this one carefully, first to make sure I understand it 100.00% and also to determine if I can successfully implement all of it without storing and comparing lots of buffers, which is otherwise deterimental to the functioning of the node. Also, I am unsure how the FCS compare would work for us if the packet is modified from one repeat to the next. I don't see how it could. The first two parameters are no problem.

Or if this is a digipeat-only issue, it may be irrelevant to nodes, except that it may be necessary also for the node to act as WIDE-N digi locally. I am still thinking about that issue, Maybe Bob B. can help here.

The file refers to ssid-s 7 and below, implying that 8-15 are reserved by something somewhere. Unless this is an APRS limit, I don't know what it is referring to. I've been using all 16 SSID's for a dozen years now, as far as I know they work as advertised.

LEVEL FOUR and TheNET CONSIDERATIONS:

----TexNet comment: what this text file calls level four in the
   arena of Thenet and its compatibles is generally considered layer
   three in the TexNet implementation. Other than the syntax, they
   are performing roughly equivalent functions, and there are variations
   in the methods and commands. TexNet does have imbedded applications,
   such as the disk based servers, the debugger, etc, and although
   not documented as such internally, they are layer 7 entities.
   Mostly this is all syntax gobbledygook for the critical reader.-------

     Since NODES are so much smarter than digipeating, the ultimate solution is to have the NODES do all UI frame routing. The APRS station simply sends his UI frame TO APRS VIA HOME; Any NODE hearing that transmission that has knowledge of the route to HOME, will send the single packet via the NODE network (internode, level 4) to the HOME node! When it arrives at the HOME node, it is transmitted once as a UI frame. With this arrangement, a mobile only has to specify his one intended destination, no matter where he travels!

------TexNet comment: This is the basic method I would like to
   implement, but as explained earlier I don't have a real friendly
   way to specify "HOME" in a way that it will relate to some
   destination network node without making it cryptic to the user.

    The G8BPQ TheNET code for the DataEngine includes a DIGIon command that can restrict Digipeating to UI frames only. This is very useful, in that it allows SYSOPS to leave DIGI ON without inviting LEVEL-3 connects to use it which is detrimental to normal level-4 operation. The problem, however, is that the generic APRS RELAY and WIDE aliases cannot be used on a NODE, since the digipeat ALIAS is the same as the NODE alias, and you cannot operate more than one NODE with the same ALIAS on the same frequency or even in the same network! I got a call yesterday, 22 Nov 95 that G8BPQ has now agreed to add two more UI digipeater aliases that are not tied to any of the node functions.

-----TexNet comment: It MIGHT be possible in our situation to either
   specify just the first 1-6 characters and hope the 7th is
   non-ambiguous, or to actually use some fixed name, like "HOME",
   literally as a default, and it would be directed in the network as
   defined as a default in the node eprom. Comments? ----------------

DIGI/NODE COMPATIBILITY: Since the user should not have to change his digi path as he drives from one area to another, he should be able to specify a path that is compatible with both nodes and digipeaters. This is easily accomplished by assuming that the LAST field in an UNPROTO digi list is the HOME NODE and should be the ultimate destination for the UI frame through any level 4 network. Any and all preceeding fields are assumed to be DIGI's only. With this arrangement, the user could use an UNPROTO path of APRS VIA WIDE, HOME so that any generic WIDE digipeaters would repeat his position to their local area as would any WIDE NODES in the usual digi fashion. Only the node that hears the direct packet would also forward it through the network at level 4 to the HOME NODE. If only one field is included in the digipeater

string, it would be interpreted as both a digi and a HOME destination without any difficulty. Digi's and NODEs would digipeat it, and nodes (hearing it direct) would forward it at level-4. It is important that NODES hearing digipeated UI frames from other digis do NOT enter the packet into the network, to eliminate duplication. Only the ones hearing the direct signal should be repsonsible for doing the level 4 routing..

------TexNet comment: The idea of mobiles transmitting the same address string as they drive from node to node is probably just fine. The idea of sending the direct path only downline on the network assumes that the network node site will unconditionally be able to hear mobiles, and they won't need a relay. Possibly I could intrepret this to mean the direct, OR the repeated copy, but then I have to keep track of duplications, and I sure don't want to put dupes onto a loaded network, memory safety valve or not. Comments??----------

EXAMPLE: A typical mobile just wanting to keep his spouse informed of his whereabouts might want to just use the UNPROTO path of APRS VIA HOME. Then his UI frames will be digipeated by the local HOME node or digi and will also be routed back to HOME by all NET-NODES along his travels. If he also wants to be seen by most HAMS in the areas of his travels, then he sets his path to APRS VIA WIDE,HOME. If he travels through a region that has both DIGIs and NODES, he might choose APRS VIA WIDE,WIDE,HOME. This way any areas with digis would digipeat via WIDE,WIDE and if he gets to an area with nodes which are aware of the path to HOME, then they will forward his packet there.

Finally, since most regional area Tracking networks are dedicated to APRS, the node should also permit the SYSOP to turn off other level 4 routing. Without this feature, such a network could be swamped if all of the BBS and other CONNECTED protocol users began to use it, and the original purpose of the network would be defeated.

------TexNet comment: TexNet has a provision for a sysop-controlled network-wide alert mode. When enabled, new connects are greeted with an extra message on the screen that the network is handling emergency traffic at node: xxxxxxx and to disconnect if you aren't participating, also the behavior of the network idle-user-timeout is inverted, and the PMS will deliver automatically to an addressee if he is on the server. Other things could be tied to it if necessary. My logic is based on the assumption that TexNet APRS support would exist on an existing network common with other applications, but ought to be configureable to accomodate the priorities of a parallel and dedicated APRS network. Comments?---------------

Still, most of these APRS support ideas could be included in all NODES so that a minimum of APRS tracking could be supported by ALL networks on all frequencies, especially where there is not yet a dedicated APRS TRACKING NETWORK. I think there are other undeveloped applications for shipping UI frames through ALL networks which have not yet been explored. The capability should be there, in any case, so that experimentation can proceed. Time will

tell. These few paragraphs were primarily written to the NODE CODE writers such as John G8BPQ and Mr. Roberts of X1-J. But are included here in general distribution for all to read.

----------end of that excersize----------

Continued in part 4/4

73 de Bob
Robert Morgan
WB5AOH
Austin, Texas
morganb@admin.inetport.com

From morganb@admin.inetport.com Fri Sep 06 01:18:57 1996
Received: from admin.inetport.com (root@inetport.com [206.64.12.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA22992 for <aprssig@tapr.org>; Fri, 6 Sep 1996 01:17:37 -0500 (CDT)
Received: from mail.inetport.com (md3.inetport.com [206.64.12.23]) by admin.inetport.com (8.7.5/8.7.3) with SMTP id BAA11523 for <aprssig@tapr.org>; Fri, 6 Sep 1996 01:19:18 -0500
Date: Fri, 6 Sep 1996 01:19:18 -0500
Message-Id: <199609060619.BAA11523@admin.inetport.com>
X-Sender: morganb@inetport.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: morganb@admin.inetport.com (Robert B. Morgan)
Subject: part 4/4 APRS L3 (TexNet)

L3 APRS part 4/4

Now for some of my general questions and comments-
First, I need to know what the APRS I-field length limits are.

Second, I need to discuss routing. I presume it would recognize that a UI addressed to APRS needed to be processed. It would possibly have some addressing that needs to be acted on. It possibly would have been received without all of the "repeat" bits filled in, and under the APRS digipeating schemes, these may need to be processed. Then that brings up the question of duplications and whether or not to repeat them and how to filter them if so. I detest the idea of holding on to copies of packets already processed. The internal structure of the whole program is that it analyzes one packet at a time, and completes all actions connected with that packet, and then disposes of it and works on the next one in the receive queue. Any packets already worked on that generated transmissions are already locked away in a transmit queue for a radio port,

and essentially unretriveable. Perhaps I could hold onto the
FCS's of recent packets, as discussion in the above text file comments
referred to, but then I would have to acquire the FCS, and
presently I am pitching it, not buffering it up for
analysis. I would be very tempted to only use one byte
of it, not both, and that probably ought to be useable for
the purpose of the last 5 or 10 packets or so. But I am still
in doubt that the FCS is sufficient, because changing
the repeated-bits in the addresses will change the FCS, so the
whole idea may be useless. (One possibility is to COMPUTE, under
control of the CPU, an independent checksum of just the I-field, instead
of juggling the FCS from the SIO/SCC which of course sees the whole
packet including addresses. That one only would use CPU computing
time resources, not gobs of memory, and might be able to compare
possibly a dozen previous packets, and would be lots more palatable,
IF it didn't burn too much CPU time). Otherwise that means we might have
to make a decision to repeat on some condition of completion of
a certain part of the repeat process. That might be on the FIRST
or the LAST, or some intermediate, or the Next-to-last, or
something. Probably would have to be optional for each node,
not just hardcoded. Suggestions??

Next issue is the form of the destination specification.
It could be a default for each node. If addressed to NWS
instead of APRS, it might assume a different default known
to that node to be the node used by the particular NWS office,
and general APRS might go elsewhere on a separate default.
To make it work at the destination, the rebroadcast of a
NWS report could still be to APRS. Also, since TexNet can
specify up to 4 radio ports per node, one might want to
specify some port info, maybe as a destination "SSID" like
APRS-1 for port 1 for instance. It would probably NOT
change the SSID of the destination since it would be regenerated
from a parameter string at the destination node, so it would
be sent just to APRS.
(In most TexNet nodes, port 1 is the usual 2M user radio port).

Suppose one wants to direct APRS to some particular node, which
is the general case of interest anyway. This sort of implies
that a digi field be used to specify a destination node.
That address would presumeably be the one FOLLOWING whatever
address triggered the source node to process the packet as
input. An address field is any 6 characters and an SSID,
but a TexNet nodename happens to be any 7 unique characters,
alphanumeric uppercase, so already we have a problem. There
is another method, but it is not real user friendly. TexNet node
NAMES are translated into 8-bit integers or nodenumbers, which
are unique assignments within the network, and are usually
seen in the routing tables to users as 3 digit decimal numbers.
For instance, AUSTIN is 009, LUBBOCK is 014, and so forth.
The idea I have is some field like T02014 and it is pretty
cryptic, and runs something like this: the first 02 means
network #02 (the network number within the whole planet Earth

assigned to Texas-Okla-Ark-Mo is net #2, the GL-NET in Ind-Mich is #05, etc), and then the nodenumber 014 means Lubbock. I guess that port number info could be specified as an SSID, (sort of conflicts an earlier comment above) so to specify port 1 at Lubbock, one could specify T02014-1. Is that cryptic and unfriendly enough? Try to remember all of that while driving down the road pecking away on the laptop. Any better ideas? To make this a little more complex, I need to apply this same or similar trigger method to the modification I need to specify a TCP-IP connect, and that problem has to be worked on at the same time and be compatible. I have to completely specify THOSE connects in the first connect command to the network by the user, That process doesn't get a chance to use a command prompt. So it gets a little complex, and I am open to some suggestions. (Back in the days when we had codespace, our philosophy was to make the network easy to use and make the node CPU do all the nasty work for the user, which made the programmer have to figure it all out in advance).

There may be cases it may be desired to "broadcast" to more than one destination node. TexNet does have an inherent internal broadcast mechanism, and it also being used for external broadcast of severe-weather alerts and EOC-type warnings, but those things generate LOTS of trunk packets that fan out in all directions, and may duplicate if the network contains loops. We use them only for internal routing controls and for emergency alerting to the amateur community. When these broadcasts occur, sometimes the network is partially paralyzed for a few seconds. Unless they are triggered by NWS severe WX files, they are under SYSOP permission only. Comments??

There are internal partition capabilities to limit the geographical distribution of these alert broadcasts, for instance we don't send weather alerts across the Tex-Okla border (even when our problematic red-river trunk is operating).

I presume that under some if not all circumstances, it might be desireable to locally repeat the inbound APRS packet as any other WIDE or WIDE-N digi might do, in addition to forwarding it downline. This could be a configureable option. (discussed above also) Comments?

A little bit of info on parameters and options. TexNet is primarily an EPROM parameter system, but some parameters are adjustable remotely, either with commands like a remote route change, or by stuffing bytes into RAM with the remote debugger. We issue a standard image for EPROMS, which an administrator patches to make a particular image for a particular node, and the callsign, nodename, nodenumber, digi parameters, and the L2 parameters (T1, T2, T3, N2, TXD, DW, etc) get burned into the particular EPROM. Some of

them like the L2 parameters, load into RAM on a reset and
are changeable if one carefully uses the remote debugger, and
we do so from time to time to trim performance problems.
The route tables are built dynamically to match the network

as it exists at any given time (they are added/modified, but
not deleted or timed-out) and also changeable by command, which
sometimes take the form of master route files that are
uploaded. The general intent is that the network should
come up by itself and init itself in a useful manner, and
that remote adjustments are limited to performance
enhancing tweaks.

TexNet is inherently a network that is designed to a given area
and given set of sites, and is of course expandable, and we
in our area are still expanding territory. It is NOT given to
daily expanding and contracting with propagation, although we
have a few trunks that are propagation dependant. The route
tables don't follow propagation by shrinking up as nodes become
unreachable. The design assumes that they are available all the
time. If the network is broken, you of course get a trunk-down
error message from the node at which the break has occured.
(If you are CONNECTED. The UI would have NO mechanism to return errors).
More of the parameters are in Eprom, and less are in Ram, and all those
that are in RAM are initialized from Eprom. There is no RAM
configuration needing to be maintained, but it is patchable
with remote commands or memory changes, which are not preserved
through resets at the present time. This has been an ongoing debate.
Possibly in a few later revisions, after the effectiveness of some
RAM data-preservation routines are field proven, we might opt for
some of these parameters. The present RAM data-preservation
routine has been observed to have corrupted a few times, and would
need improvement. This may be undertaken again with the availability
of the new TAPR TNC-xx (name is under discussion now) which includes
a nonvolatile writeable memory device.

APRS support will generate more parameters needing to be set.
What should they be, and which should be EPROM and which
should be RAM based, and how set, or any made dynamic?
Comments?

Since TexNet is based on 9600b trunks, I will also field questions on
that subject, and TexNet inplements modems in somewhat different
formats (usually incompatible) than others that are available,
for instance the G3RUH. With the exception of the notorious trunk
across the Red River, these trunks give good performance year
round 24 hours per day, over paths of 30 to 60 miles long.
If one wants to use existing modems of different design, they of
course can be connected to the hardware and will function, however
it will NOT work to mix different types of modems on the AIR.
For instance the Paccomm SPRINT/SPIRIT has modem jumper settings
compatible with the TexNet modem format.

As I previously noted, I am working without a whole lot of available
code-space on some (not all) of the available platforms. I would
like to come to some consensus for a simple eficcient method that
will address most of the immediate concerns, at least on the first
cut. Some of the bells and whistles will have to wait or
not happen at all. But it is hard to predict in advance which will
be hard and which will be easy, so I wanted to throw all of it
on the table and look at it. (I would rather avoid storing packets
for comparison of duplicates, THAT one does use lots of resources).
I will apologize in advance for the bandwidth this file uses, and I
don't think it will happen too often (Please reply in small chunks,
one issue or two at a time).

Part 4/4 END.

73 de Bob
Robert Morgan
WB5AOH
Austin, Texas
morganb@admin.inetport.com

From morganb@admin.inetport.com Fri Sep 06 01:21:45 1996
Received: from admin.inetport.com (root@inetport.com [206.64.12.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id BAA22972 for <aprssig@tapr.org>; Fri, 6 Sep 1996
01:17:19 -0500 (CDT)
Received: from mail.inetport.com (md3.inetport.com [206.64.12.23]) by
admin.inetport.com (8.7.5/8.7.3) with SMTP id BAA11516 for <aprssig@tapr.org>;
Fri, 6 Sep 1996 01:19:05 -0500
Date: Fri, 6 Sep 1996 01:19:05 -0500
Message-Id: <199609060619.BAA11516@admin.inetport.com>
X-Sender: morganb@inetport.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: morganb@admin.inetport.com (Robert B. Morgan)
Subject: part 2/4 APRS L3 (TexNet)

L3 APRS part 2/4

Next, I am going to insert selected paragraphs of an APRS distribution
text file on Digi's and reply to it as I would to the e-mails.
Please comment here too.

DIGIS.TXT 7.4c   AUTOMATIC PACKET REPORTING SYSTEM DIGIPEATERS

    To satisfy the objective of a distributed network without dependence
on specific nodes, APRS stations are designed to begin operating without
any prior knowledge of the network. This is done by having all APRS
digipeaters and home stations initialized to act as a digipeater with
the alias of RELAY and to send all UI frames via the UNPROTO path of

RELAY. With this form of generic digipeating (RELAY), a mobile, or new station does not have to know anything about the network in advance in order to be seen by adjacent nodes. After 10 minutes and his map begins to show the location of all stations and digipeaters on frequency, he can then customize his outgoing Unproto path to specific digipeaters to cover his intended area without as much QRM.

-------TexNet comment: The node is eprom based, and the calls, aliases and most parameters will be determined (at network node design time) and fixed in the eprom. They should be well planned, and it is assumed that the node will be in an advantageous fixed location.-------

CAUTION:------snip------

It is important in any mature APRS network that FIXED stations should avoid using the generic RELAY addressing. Although mobiles should usually begin their path with RELAY,WIDE, the path of RELAY should rarely be used after the first hop, and never after a WIDE.------snip-------

Although digipeating is not good practice for AX.25 level 2 connections, it is ideal for APRS operation using UI frames only. All along the east coast we have more than a dozen WIDE area DIGI's on the frequency of 145.79 acting as a backbone for mobile position reporting. The low duty cycle of this mode, also permits Keyboard QSO's and other UI frame applications. Even Personal mail boxes are welcome on the frequency, since mail is posted at keyboard rates and is NOT read back by radio. Users are NOT welcome to READ PBBS mail on the frequency. Other CONNECTED mode operation of BBS's, mail forwarding, file transfers, TCP-IP and DX clusters are discouraged.

----For TexNet, it should be feasible to define a radio port to not permit connected mode operations by application, meaning no network access, no conf bridges, no PMS, etc. My only question at this point is if/how we would permit a weather spotter to initiatite and maintain a connected mode QSO with an EOC or NWS net. Or is this a consideration? And maybe another idea MIGHT be to create a regional network-level NWS kbd conference bridge, and permit access only to it and no other connects on the APRS port. Also I need to research my code to see if the existing mechanism operates on both source and destination ends of a connect.---------

APRS DIGIPEATERS: In addition to all the home station RELAYS, additional APRS RELAY digipeaters can be installed where ever needed to provide solid mobile coverage on all major access routes into your city. These sites provide the first hop (via RELAY) for all mobiles. Next, a few well elevated and WIDEly separated digipeaters should be installed which have not only the RELAY alias, but also a WIDE alias. These WIDE sites link to other cities and provide a backbone for wide area coverage.

WIDE DIGIPEATING: Since these WIDE area digipeaters are located at excellent locations, they should not only provide the WIDE backbone function for the long-haul, but should also have the RELAY alias as well

for nearby mobiles and new stations. Many recent TNCs can be set up to digipeat either of these generic RELAY/WIDE packets. The new PacComm TNC's can support up to 4 aliases!. Set MYAlias to WIDE and set one of the other TNC functional callsigns to RELAY (such as MYnode, or MYhost, etc). If you use the KPC-3 and the MYnode call, be sure to set USERS to 1 and NUMNODES to 1. If your TNC does not have dual aliases, AND yours is the only WIDE around, you can temporarily make its MYcall be WIDE and its MYalias be RELAY, but be sure to put the FCC callsign in the BText to keep it legal. You can also have one other DIGI with the opposite MYcall RELAY and MYalias WIDE without confusion. These WIDE/ RELAY backbone Digi's should be spaced several tens of miles apart depending on topology so that they are as widely separated while still being able to hit their adjacent other WIDE digi's. All mobiles then can set their UNPROTO path to APRS VIA RELAY,WIDE and it will not matter whether they are near a DIGI or someone's home station to be picked up by the network.

------TexNet comment: The callsign structure of the code lends itself to addition of additional digi addresses, and at code-compile time it would be feasible to provide 2 or more digi aliases to be programemd for whatever the administrator wanted to burn into them. That one I think is almost a no-brainer in the code. I can imagine that there are a few spare control bits that could be used to flag some new-to-be-written code hooks to also cause these packets to be transferred over the network, as well as repeated on freq. also to control whether connected mode or just UI's are to be repeated. ----------

Even if these WIDE/RELAY backbone nodes are 30 to 50 miles apart, as long as every home station and local RELAY digipeater can hit at least one WIDE, then the mobile path of RELAY,WIDE can cover as far as 100 miles! Wider ranging mobiles can use the RELAY,WIDE,WIDE path without causing too much QRM. Yes, RELAY,WIDE,WIDE should NEVER be used by a home station, but since a mobile can rarely, if ever, hit more than 1 digi the first time, the number of repeats is not much worse than a typical home station via WIDE,WIDE.

CAUTION:---------snipped lots-----------

DEDICATED WIDE AREA APRS DIGIPEATER SET UP

To set up a WIDE area APRS digi, simply connect a TNC to a radio, and put it as high as you can get it. Set the following minimum commands:

```
cmd:   MY W3XYZ-x                 (the digipeater call and SSID)
       MYA WIDE                   (this makes it digipeat WIDE packets)
       MYN RELAY                  (This works on KPC-3s as a second alias
       MYG RELAY                  (on PK-12)
       UNPROTO APRS VIA WIDE,WIDE,DIGI3...     (so the whole net sees it)
       B E 60                     (Sets Beacon to once every 10 minutes)

       BT !DDMM.mmN/DDDMM.mmW#PHG5360/WIDE-RELAY...(identifying comments)
            |         |      | | ||||  |___|_ makes station show up green
```

```
            |         |      | | ||||________ Omni (Direction of max gain)
            |         |      | | |||_________ Ant gain in dB
            |         |      | | ||__________ Height = log2(HAAT/10)
           LAT      LONG     | | |___________ Power = SQR(P)
                             | |_____________ Power-Height-Gain PHG indicator
                             |_______________ # is symbol for digipeater
```

As you can see by the integers in the POWER-HEIGHT-GAIN (PHG) string, there are only 9 plus 0 possible values for each of these fields as follows:
----snip-----

----TexNet comment: Probably all feasible, and a secondary periodic beacon string will have to be defined to resemble the example. I presume it can go into eprom, since we are assuming a fixed node site?? Now for a dumb question on my part: if we had some live data acq (wx sta, etc) on node-site, would that data go into this frame also? Or a different frame? ----------

HEIGHT ABOVE AVERAGE TERRAIN: -----n/a----
NOTE ABOUT POWER LEVELS: -----n/a----

X1J DIGIPEATERS: You may set up an X1J node to act as a generic WIDE area APRS digi, depending on whether the ALIAS callsigns are not already in use. The X1J permits 5 callsigns. The first two are the NODE callsign and the NODE alias. These pertain to level-4 NODE operation and can NEVER be made WIDE or you will LOCK-UP the network. The next three ALIASES are for a BBS, DXCLUSTER or HOST mode operation. By enabling two of these extra aliases to WIDE and RELAY, then the node will digipeat APRS UI frames as long as the following commands are also performed:

```
PARM / 23 1   Digipeat enable  (info provided by WA4HEI 906 341-5718)
MODE / 14 1   Extra alias monitoring enable
MODE / 17 3   Refuse digipeated L2 node uplinks & downlinks
```

------TexNet comment: As above, I think it practicable to provide extra digi aliases, and I think that I could specify their behavior.---

OPERATIONS WITH RELAY AND WIDE:

Although the GENERIC WIDE/RELAY digipeating works well to get an APRS net going, once you have more than two WIDES, the generic calls should be avoided by all fixed stations to minimize unnecessary duplicates and collisions. Using SPECIFIC callsigns significantly reduces QRM.

While building a new network, APRS has a special SETUP-WIDE command that permits some well situated stations to change their default RELAY alias to WIDE. This command should be used with caution and with the agreement of all stations on the net. Too many WIDE's, too close together causes too much QRM. When you use the SETUP-WIDE command, the word WIDE will be installed in your POSIT comment field. This signals all stations to display your station symbol as GREEN (which indicates a WIDE alias). This color will be lost, however, if you have a weather station

hooked up to COM2, since it re-writes the POSIT string every few minutes.
Also, every time you switch from HF to VHF or the reverse, your ALIAS is
re-written to RELAY or ECHO.

SEE README.HF for setting up your UNPROTO path for HF and HF/VHF gateways..
--------TexNet comment: appears to be irrelevant to the node----------

73 de Bob
Robert Morgan
WB5AOH
Austin, Texas
morganb@admin.inetport.com

From sdimse@bridge.net Fri Sep 06 03:05:25 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id DAA27084 for <aprssig@tapr.org>; Fri, 6 Sep 1996
03:05:03 -0500 (CDT)
Received: from (ppp-mia1-40.bridge.net [204.253.4.40]) by bridge.net (8.7.5/8.7.3)
with SMTP id EAA02608; Fri, 6 Sep 1996 04:01:31 -0400 (EDT)
Message-Id: <199609060801.EAA02608@bridge.net>
Subject: The Cross Country Trip, an APRS Adventure!
Date: Fri, 6 Sep 96 04:04:33 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>, "Carol Dimse" <carold@cmhhospital.org>,
        <danasclan@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Hello gang...

Well, it's almost time for the Digital Communication Conference, and
again I will be driving. An unusual drive, since I will go, quite
literally, from one corner of the country to the other (Key West to
Seattle). I will be running APRS on both HF and VHF all the way. The van
also has a second HF rig for voice, a station for normal packet, and a
dual band rig for VHF/UHF voice. Then there are the two computers
(connected via an AppleTalk network), CD ROM drive, cell phone, audio CD
changer...you get the idea. After the conference I'll head south down the
coast to Southern Cal to visit friends and family, and finally take
I-8/10 home in a mad rush to get back before I have to go back to work.
Here is the itinerary...

Fri 9/13 Miami, Orlando, Atlanta
Sat 9/14 Nashville, St. Louis, Kansas City
Sun 9/15 Omaha. Souix Falls
Mon 9/16 Badlands Nat'l Park, Mt Rushmore
Tue 9/17, Wed 9/18 Yellowstone Nat'l Park
Thu 9/19 to Sun 9/22 Seattle

Sun 9/22 Olympic Nat'l Park, Port Angeles
Mon 9/23 Ho Rain Forest, Portland, Redwood Nat'l Park
Tue 9/24 Golden Gate
Wed 9/25 Carmel
Thu 9/26 San Luis Obisbo, Santa Barbara, Ventura (Mom's house)
Fri 9/27 to Sun 9/29 Family stuff!
Mon 9/30 LA
Tue 10/1 San Diego
Wed 10/2 Tuscon, El Paso
Thu 10/3 San Antonio, Houston
Fri 10/4 New Orleans, Mobile, Tallahassee, Orlando
Sat 10/5 Home sweet home.

All this is subject to change, as for most of it I'm just out having a good time sightseeing. I'd like to hear from folks along the route, especially about favored voice repeaters, packet channels, and non-standard APRS 2 meter frequencies. I'd also enjoy visiting with APRS'ers along the way, so let me know if you are interested.

I'll have a computer in view while I'm driving, and of course, MacAPRS speaks incoming messages to me, so I'll get your mail. The driving comes first, so I may not be able to answer you right away! And whenever I get to a phone I'll be checking my email here. Also, there will be a javAPRS page displaying the trip (not up yet, but before I leave), with archived data as I get a chance to upload it, and live data from Dale's server...hopefully at least some of my packets will get through a GATE in Atlanta, and the server has a special feature that holds onto a few packets from KO4HD-9 longer than others!

http://wa4dsy-3.wa4dsy.radio.org/Xaprs/trip.html

Hope to see you out there!

Steve KO4HD

From b.gotshall@worldnet.att.net Fri Sep 06 06:31:17 1996
Received: from mtigwc01.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA02752 for <aprssig@tapr.org>; Fri, 6 Sep 1996 06:31:15 -0500 (CDT)
Received: from LOCALNAME ([199.70.197.224]) by mtigwc01.worldnet.att.net
          (post.office MTA v2.0 0613) with SMTP id AAA3085
          for <aprssig@tapr.org>; Fri, 6 Sep 1996 11:30:43 +0000
Message-ID: <3230302D.580@worldnet.att.net>
Date: Fri, 06 Sep 1996 07:07:41 -0700
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>
X-Mailer: Mozilla 2.01E (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4429] Re: WIDE,WIDE,WIDE?

References: <322F0372.77A5@cris.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:
>
> Kevin Heyboer wrote:
> >
> > William Nolle wrote:H> Oh come on, Bill, wake up. Texas is like Florida, flat as a
>

 OK!!! How about the Condo dweller who can"t have an antenna and is working with a small indoor antenna. I'm 13 elements might crowd the livingroom!!!

Bud (WB4LTF)

From bruninga@nadn.navy.mil Fri Sep 06 09:32:02 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA07867 for <aprssig@tapr.org>; Fri, 6 Sep 1996 09:30:54 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA04857 for <aprssig@tapr.org>; Fri, 6 Sep 1996 10:34:44 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 6 Sep 1996 10:34:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4463] part 2/4 APRS L3 (TexNet)
In-Reply-To: <199609060619.BAA11516@admin.inetport.com>
Message-ID: <Pine.GSO.3.95.960906101144.29016B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Sep 1996, Robert B. Morgan wrote about his mods to support APRS UI frames in his TEXNET code:

> ----For TexNet, it should be feasible to define a radio port to
>   not permit connected mode operations based on application...
>   ... should we permit a weather spotter to have a connect QSO with
>   an EOC or NWS net?

*** REPLY: Good question. If TexNet operates on the principal of user freqs separate from link freqs, then a complete network can be dedicated to WX and emergency services alone, and the user freqs can be all different. And then I think that user keyboard connects can and should be supported. This is along the idea of WX is a fixed site kinda thing. But as soon as you want to track mobiles, you are back to wanting a single freq... But if only user end packets are on the freq, without the duplicity of digipeates (beacuse the nodes are backboning all of the DX trafic, then I think user keyboard node connects could also be

supported on the same freq...

> ------TexNet comment: The callsign structure of the code lends itself
>   to addition of additional digi addresses at code-compile time.

*** REPLY: PacComm has provided for 4 in their TNC's, tho 2 is just fine
>
>   BT !DDMM.mmN/DDDMM.mmW#PHG5360/WIDE-RELAY...(identifying comments)
>
> ----TexNet comment: The above POSITION BEACON is feasible, and a
>   secondary periodic beacon string will have to be defined for it.
>   I presume it can go into eprom, since we are assuming a fixed
>   node site?? Now for a dumb question on my part: if we had some
>   live data acq (wx sta, etc) on node-site, would that data go into this
>   frame also?   Or a different frame? ----------------------------

APRSdos REPLY/COMMENT: Fixed in EPROM is fine. the position never changes.
Any additional BEACON will also be captured by all APRS stations, so you
can independently sned out other live packets too. If it is raw WX in the
U-II format, then APRS will capture that WX data and re-assemble your
POSIT/WX report on the receive end. If it is ANY OTHER packet not
otherwise recognized as an APRS format, then it will be captured and will
overwrite the single line display for that station on my LATEST-LIST.

In otherwords, othern than stn-to-stn messages and bulletins, APRS only
captures and retains TWO packets per station. One is the POSIT (which can
contain WX) and the other is ANYTHING ELSE. Oh, there are two more. An
ID packet is retained if it is the first packet heard, but ignored all
other times, and an APRS TELEMETRY packet is separately captured and
displayed on the TELEMETRY page. Here is where you can reports lots of
stuff going on at the node site. 5 Anaolg values and 8 bits of status...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Fri Sep 06 10:18:48 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA09464 for <aprssig@tapr.org>; Fri, 6
Sep 1996 10:17:49 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA14739 for <aprssig@tapr.org>; Fri, 6 Sep 1996
11:22:49 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 6 Sep 1996 11:22:48 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4461] part 3/4 APRS L3 (TexNet)
In-Reply-To: <199609060619.BAA11519@admin.inetport.com>
Message-ID: <Pine.GSO.3.95.960906103549.29016C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Sep 1996, Robert B. Morgan continued to write about the WIDE-N algorithm and other aspects for consideration in TexNet:

> -----TexNet comment: I will have to think about this one carefully,
>   of the node. Also, I am unsure how the FCS compare would work for
>   us if the packet is modified from one repeat to the next.

*** APR REPLY: True, you would have to do a CHECKSUM on only the INFO part of the packet, since the DIGI fields will be changing.
>
>   The file refers to ssid-s 7 and below, implying that 8-15 are
>   reserved by something somewhere...

*** APR REPLY: The 4th bit indicates "directional digipeating". If it is set, then the 1st and 2nd bits indicate one of four directions N, S, E, or West and the 3rd bit indicates DX or not. DX means to forward the packet in the given direction one extra hop at the end... For this to work, each digi (or node) has 4 preset paths for each cardinal direction. It selects one of those unproto paths to add to the packet. IF DX bit is set, then it adds a WIDE at the end.

> APR DESCRIPTION of LEVEL 3/4 ROUTING: ....is to have the NODES do all UI
> frame routing. The APRS station simply sends his UI frame TO APRS VIA
> HOME; Any NODE hearing that transmission that has knowledge of the
> route to HOME, will send the single packet via the NODE network
> to the HOME node!
>
> ------TexNet comment: This is the basic method I would like to
>   implement, but as explained earlier I don't have a real friendly
>   way to specify "HOME" in a way that it will relate to some
>   destination network node without making it cryptic to the user.

*** APR REPLY: The word "HOME" is the network name of the NODE closest to his house or wherever he wants his reports to go. If it is DALLAS, and there is a node named DALLAS then he would send his UI packets TO APRS VIA DALLAS...

> ------TexNet comment: The idea of mobiles transmitting the same address
>   string as they drive from node to node is probably just fine.
>   The idea of sending the direct path only downline on the
>   network assumes that the network node site will unconditionally
>   be able to hear mobiles, and they won't need a relay.

APR COMMENT: I think direct only, or keep a copy of the LAST heard packet and compare only to that one. When you hear the direct and a digipeated packet, they almost 100% always occur back to back because a digi packet gets priority...

> ------TexNet comment: TexNet has a provision for a sysop-controlled
>   network-wide alert mode. When enabled, new connects are
>   greeted with an extra message on the screen that the network is
>   handling emergency traffic at node: xxxxxxx and to disconnect if
>   you aren't participating, also the behavior of the network idle-

>   user-timeout is inverted, and the PMS will deliver automatically
>   to an addressee if he is on the server. Other things could be
>   tied to it if necessary. My logic is based on the assumption
>   that TexNet APRS support would exist on an existing network
>   common with other applications, but ought to be configureable
>   to accomodate the priorities of a parallel and dedicated APRS network.
>   Comments?---------------
>

APRS REPLY/COMMENT: In my humble opinion, I think ALL networks might
consider handling a minimum level of UI position reports...???

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Fri Sep 06 10:52:02 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA10800 for <aprssig@tapr.org>; Fri, 6
Sep 1996 10:50:53 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA20358 for <aprssig@tapr.org>; Fri, 6 Sep 1996
11:53:40 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 6 Sep 1996 11:53:38 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4462] part 4/4 APRS L3 (TexNet)
In-Reply-To: <199609060619.BAA11523@admin.inetport.com>
Message-ID: <Pine.GSO.3.95.960906112316.29016D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Sep 1996, Robert B. Morgan wrote a final whole mouthfull
about APRS in TexNet:

> First, I need to know what the APRS I-field length limits are.

*** APR REPLY: Maximum length of the data field is currently on the order
of 80 limited by the current (and not likely to change) display pages
of the DOS implementation..   lemme check for sure...

> Second, I need to discuss routing. I presume it would
> recognize that a UI addressed to APRS needed to be processed.

*** APR REPLY: Currently there are lots of acceptible TO addresses.
THese have been expanded so that "subnets" of activity can take place on
the same frequency independent of each other. In this case, it could be
used to indicate that a person desires to have his packets go via TEXNET
by addressing them there. Or you could accept several such as SKYWRN,
APRS, SPCL, etc and even use these flags to slightly modify NODE handling
of the packet.

> schemes, these may need to be processed. Then that brings up the
> question of duplications and whether or not to repeat them
> and how to filter them if so. I detest the idea of holding
> on to copies of packets already processed. ...   (One possibility is to
> COMPUTE an independent checksum of just the I-field, instead
> of juggling the FCS from the SIO/SCC

*** APR REPLY: Yes, simple checksum of I-field only...
>
> Next issue is the form of the destination specification.
> It could be a default for each node.

*** APR REPLY: No, user always specifies the ultimate destination...
usualy the NODE name closest to where he wants his reports to go..

> There may be cases it may be desired to "broadcast" to more
> than one destination node....

*** APR REPLY: This is needed and is a challenge. I think it can be
simplified to just a few possibilities:
   1) PRESENT NODE (I think that all nodes should digi the original
      packet to others in the local area as a matter of routine)
   2) LOCAL AREA: It is broadcast to all adjacent NODES (one hop)
   3) WIDE AREA: It is broadcast out two hops in all directions
   4) EMERGENCY: THis is only possible via SYSOP. GOes everywhere
Anything beyond the WIDE AREA should use a directed packet to a given
node, such as the state EOC or something like that...

> I presume that under some if not all circumstances, it might
> be desireable to locally repeat the inbound APRS packet as any
> other WIDE or WIDE-N digi might do...

*** APR REPLY: Yes, I agree..
>
> A little bit of info on parameters and options. TexNet
> is primarily an EPROM parameter system... WHich parameters need to be
> remotely configurable?

*** APR REPLY: I see no reason why most are not permanent... (worst case)
but some may need to be remote..

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From saltair@hargray.com Fri Sep 06 11:18:03 1996
Received: from fern.hargray.com (fern.hargray.com [205.218.96.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA11501 for <aprssig@tapr.org>; Fri, 6 Sep 1996
11:17:32 -0500 (CDT)
Received: from saltair.hargray.com (xl26.hargray.com [205.218.96.56]) by
fern.hargray.com (8.7.5/8.7) with SMTP id MAA26805 for <aprssig@tapr.org>; Fri, 6
Sep 1996 12:18:28 -0400 (EDT)
Message-ID: <32304E19.1A69@hargray.com>
Date: Fri, 06 Sep 1996 12:15:21 -0400

From: George Salinas <saltair@hargray.com>
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4464] The Cross Country Trip, an APRS Adventure!
References: <199609060801.EAA02608@bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:
>
> Hello gang...
>
> Well, it's almost time for the Digital Communication Conference, and
> again I will be driving. An unusual drive, since I will go, quite
> literally, from one corner of the country to the other (Key West to
> Seattle). I will be running APRS on both HF and VHF all the way. The van
> also has a second HF rig for voice, a station for normal packet, and a
> dual band rig for VHF/UHF voice. Then there are the two computers
> (connected via an AppleTalk network), CD ROM drive, cell phone, audio CD
> changer...you get the idea. After the conference I'll head south down the
> coast to Southern Cal to visit friends and family, and finally take
> I-8/10 home in a mad rush to get back before I have to go back to work.
> Here is the itinerary...
>
> Fri 9/13 Miami, Orlando, Atlanta
> Sat 9/14 Nashville, St. Louis, Kansas City
> Sun 9/15 Omaha. Souix Falls
> Mon 9/16 Badlands Nat'l Park, Mt Rushmore
> Tue 9/17, Wed 9/18 Yellowstone Nat'l Park
> Thu 9/19 to Sun 9/22 Seattle
> Sun 9/22 Olympic Nat'l Park, Port Angeles
> Mon 9/23 Ho Rain Forest, Portland, Redwood Nat'l Park
> Tue 9/24 Golden Gate
> Wed 9/25 Carmel
> Thu 9/26 San Luis Obisbo, Santa Barbara, Ventura (Mom's house)
> Fri 9/27 to Sun 9/29 Family stuff!
> Mon 9/30 LA
> Tue 10/1 San Diego
> Wed 10/2 Tuscon, El Paso
> Thu 10/3 San Antonio, Houston
> Fri 10/4 New Orleans, Mobile, Tallahassee, Orlando
> Sat 10/5 Home sweet home.
>
> All this is subject to change, as for most of it I'm just out having a
> good time sightseeing. I'd like to hear from folks along the route,
> especially about favored voice repeaters, packet channels, and
> non-standard APRS 2 meter frequencies. I'd also enjoy visiting with
> APRS'ers along the way, so let me know if you are interested.
>
> I'll have a computer in view while I'm driving, and of course, MacAPRS
> speaks incoming messages to me, so I'll get your mail. The driving comes
> first, so I may not be able to answer you right away! And whenever I get

> to a phone I'll be checking my email here. Also, there will be a javAPRS
> page displaying the trip (not up yet, but before I leave), with archived
> data as I get a chance to upload it, and live data from Dale's
> server...hopefully at least some of my packets will get through a GATE in
> Atlanta, and the server has a special feature that holds onto a few
> packets from KO4HD-9 longer than others!
>
> http://wa4dsy-3.wa4dsy.radio.org/Xaprs/trip.html
>
> Hope to see you out there!
>
> Steve KO4HD

It looks like you have everything pretty well covered Steve. The
itinerary looks swell also.

OOps what about 6 meters? How about communications with the truckers
for local road conditions? Ha! enjoy.

73, KD4FJ George.

From wa8inz@cris.com Fri Sep 06 12:09:28 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA14075 for <aprssig@tapr.org>; Fri, 6
Sep 1996 12:09:27 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id NAA13455; Fri, 6 Sep 1996 13:08:40 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80441.concentric.net [206.173.119.41])
     by cliff.cris.com (8.7.5)
     id NAA05403; Fri, 6 Sep 1996 13:09:17 -0400 (EDT)
Message-ID: <323076B9.7C69@cris.com>
Date: Fri, 06 Sep 1996 12:08:41 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4465] Re: WIDE,WIDE,WIDE?
References: <3230302D.580@worldnet.att.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

B.G. Gotshall wrote:
>
> William Nolle wrote:
> >
> > Kevin Heyboer wrote:
> > >
> > > William Nolle wrote:H> Oh come on, Bill, wake up. Texas is like Florida,

flat as a
> >
>
> OK!!! How about the Condo dweller who can"t have an antenna and is
> working with a small indoor antenna. I'm 13 elements might crowd the
> livingroom!!!
>
> Bud (WB4LTF)

I hate to say it, but you moved there. There is such a thing as
installing a digi somewhere else near your location. To many depend on a
very few to do all the work and spend the money to install digi's at
great expense then just sit back and complain because they can't hit them
with a rubber ducky hooked to an HT. Maybe if some folks would start
supporting the installations of those didi's you wouls see more of them
(Closer to your location Hi). I also noticed this with registering APRS.
There are some that i know of that have been using APRS for several
years, but just refuse to spend a couple of dollars to register the
software, but then complain because something isn't working to their
liking. Good morning Sig.

--
     Check out my A.P.R.S Web Page.
       Totally Devoted to APRS
   To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
    http://www.concentric.net/~wa8inz

                \////
                (o o)
           --o00-(_)-00o--
             Bill WA8INZ
           wa8inz@cris.com
           wa8inz@amsat.org

From bruninga@nadn.navy.mil Fri Sep 06 12:37:38 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA15587 for <aprssig@tapr.org>; Fri, 6
Sep 1996 12:37:33 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id NAA10974 for <aprssig@tapr.org>; Fri, 6 Sep 1996
13:42:26 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 6 Sep 1996 13:42:26 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4316] Mouse problem
In-Reply-To: <19960903.005256.7663.0.kf4dys@juno.com>
Message-ID: <Pine.GSO.3.95.960906134011.8517C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The mouse problem was found to occur whenever you went past midnight for sure! (but you implied it takes less time... hummh...) But was clearly a clock rollover problemmm

Can you make it occur some time other than after a midnight has passed?

I also suspect that it will occur if you reset the clock to anytime EARLIER than current time...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From rambrose@unm.edu Fri Sep 06 14:11:39 1996
Received: from ariel.unm.edu (ariel.unm.edu [129.24.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA20617 for <aprssig@tapr.org>; Fri, 6 Sep 1996 14:11:37 -0500 (CDT)
Received: from ppp_056.unm.edu(really [129.24.14.56]) by ariel.unm.edu
via sendmail with smtp
id <m0uz6JQ-0005GSC@ariel.unm.edu>
for <aprssig@tapr.org>; Fri, 6 Sep 1996 13:11:32 -0600 (MDT)
(Smail-3.2 1996-Jul-4 #6 built 1996-Jul-22)
Date: Fri, 6 Sep 1996 13:14:26 -0900 (PDT)
From: robert <rambrose@unm.edu>
To: APRS SIG <aprssig@tapr.org>
Subject: Minuturization Efforts?
X-Sender: rambrose@mail.unm.edu
Message-ID: <Pine.PCW.3.91.960906130108.6575B-100000@ppp_056.unm.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone know if there are any efforts to miniturize a GPS recevier, TNC, and transmitter into an extremely small package that could be carried by a bird? No, I'm not crazy, please read on. In addtion to being a Ham, I am also falconer. Telemetry is currently used by falconers to locate lost birds so equipped. Use of APRS for this purpose would be enormously more productive by an order of magnitude!

I'm currently in the middle of an argument with other falconers about this possibilty. Most don't have the faintest idea about GPSs, TNCs, or APRS, and it's tough convincing them that "real time" tracking is possible without thousands of dollars expense.

I'm facinated about this potential and unique application of APRS. Please let me know your thoughts.

From kf4dys@juno.com Fri Sep 06 15:03:22 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA22791 for <aprssig@tapr.org>; Fri, 6 Sep 1996 15:03:20 -0500 (CDT)

Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
     id QAA27720; Fri, 06 Sep 1996 16:02:21 EDT
To: aprssig@tapr.org
Date: Fri, 6 Sep 1996 14:51:39 PST
Subject: Re: Mouse problem
Message-ID: <19960906.145739.8239.0.kf4dys@juno.com>
References: <Pine.GSO.3.95.960906134011.8517C-100000@arctic>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 1-27
From: kf4dys@juno.com (Joe Foor)

On Fri, 6 Sep 1996 12:40:15 -0500 (CDT) Bob Bruninga
<bruninga@nadn.navy.mil> writes:
>The mouse problem was found to occur whenever you went past midnight
>for
>sure! (but you implied it takes less time... hummh...) But was
>clearly a
>clock rollover problemmm

I thought it might have been related to a long period of
keyboard inactivity, as it only happened when I left the
software running overnight. I didn't think about the
clock rollover.

This brings up another minor bug. When it happened to me
the first time (several months ago), I thought I was
messing up, due to inexperience, but on the last evening
of August, at about 2230 local, it happened again. I was
entering new data from an NWS advisory of 010300z. APRS
was dead reckoning the storm position for about 2 extra
days movement (I don't remember exactly how much it
figured out to be, but it was more than 24 hours extra).
I worked around it by entering the report time in local
time. After midnight, when the computer date turned
over, I re-entered the data using zulu time and the
problem no longer existed.

regards,
Joe

From jratchf@bulldog.afsc.k12.ar.us Fri Sep 06 15:42:23 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA24550 for <aprssig@tapr.org>; Fri, 6 Sep 1996
15:42:20 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us
[170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id PAA28747
for <aprssig@tapr.org>; Fri, 6 Sep 1996 15:42:26 -0500
Message-Id: <199609062042.PAA28747@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: MAJOR APRS PROBLEM ! ! !
Date: Fri, 6 Sep 1996 15:41:02 -0500
X-MSMail-Priority: Normal

X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Bob, I've been using your program (registered of course) for a year and a half and have NEVER complained about APRS. Well..... here is my first complaint!

My closest neighbor, who lives 2 miles away, comes home from work about 2 a.m. each morning. He invariably wakes up his wife, who happens to be pregnant. So, she gets up and relieves herself. The flushing of the toilet, however, also wakes up half of his 12 other kids, who also have to get up and relieve themselves. Now, with all this going on, thier family dog thinks it's morning so he begins to bark. The barking of a neighoring dog is all that my 13 hounds can stand and must reply in an excited state. Hearing all this barking, my grandmother, who lives across the holler, wakes up and instantly thinks someone is "snooping" around. So, naturally she picks up the phone and calls the neighbors "to see if they saw anything". Then after 10 minutes of talking she hangs up and calls me. I naturally have been sound asleep, oblivious of the "houndspeak" going on outside, and wake up to the sweet sound of a telephone ringing by the bed. I then reach over to pick up the phone, but instead hit the mike button on the 2 meter radio. This causes the repeater to i.d. and I, not wanting to be a curchunker, must also i.d.

OK, so how does APRS fit in all this? What's the problem? Well, the problem is that at 2:30 a.m., when grandma is barking in one ear and the hounds are barking at the neighbors dogs and I'm shouting at the dogs to shut up, I can't resist looking at the (H)eard list screen! And THAT is the problem! It has become a habit! At 2:30 am the propogation is so good that I can hit St. Louis and Kansas City at the same time. So, the REAL problem is, that I can't leave it alone! I've got to sit there and play with this thingy till I either fall back asleep at the keyboard or it's daylight! Shame on you, Bob! This thing is still too much fun!

BTW, This DID happen a few nights ago and I really DO have 13 hounds!

--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From sdimse@bridge.net Fri Sep 06 16:04:57 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA25654 for <aprssig@tapr.org>; Fri, 6 Sep 1996 16:04:55 -0500 (CDT)
Received: from (ppp-mia2-94.bridge.net [204.253.4.94]) by bridge.net (8.7.5/8.7.3) with SMTP id RAA22228 for <aprssig@tapr.org>; Fri, 6 Sep 1996 17:01:55 -0400 (EDT)
Message-Id: <199609062101.RAA22228@bridge.net>

Subject: Re: [APRSSIG:4470] Re: WIDE,WIDE,WIDE?
Date: Fri, 6 Sep 96 17:04:58 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>I hate to say it, but you moved there. There is such a thing as
>installing a digi somewhere else near your location. To many depend on a
>very few to do all the work and spend the money to install digi's at
>great expense then just sit back and complain because they can't hit them
>with a rubber ducky hooked to an HT. Maybe if some folks would start
>supporting the installations of those didi's you wouls see more of them
>(Closer to your location Hi). I also noticed this with registering APRS.
>There are some that i know of that have been using APRS for several
>years, but just refuse to spend a couple of dollars to register the
>software, but then complain because something isn't working to their
>liking. Good morning Sig.

Wait a minute...didn't this start out with this same person complaining
that there were too many digis too close together? Now he's saying the
answer is to put up more digis, and the problem is other people are too
cheap and/or lazy? Jeez...at least be consistant!

Steve KO4HD

From jscalet@sound.net Fri Sep 06 16:05:51 1996
Received: from guitar.sound.net (guitar.sound.net [205.242.192.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA25731 for <aprssig@tapr.org>; Fri, 6 Sep 1996
16:05:50 -0500 (CDT)
Received: from joescale (max3-236.sound.net [205.242.201.236]) by guitar.sound.net
(8.7.4/8.7.4) with SMTP id PAA21040 for <aprssig@tapr.org>; Fri, 6 Sep 1996
15:59:36 -0500 (CDT)
Message-ID: <3230940B.671F@sound.net>
Date: Fri, 06 Sep 1996 16:13:47 -0500
From: Joe Scalet - WK0G <jscalet@sound.net>
Reply-To: jscalet@sound.net
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Power supply protection for the GPS-20
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I had my GPS-20 up and running for the last two months and have been
very pleased with it. About two weeks ago I went to turn it off and
noticed the dicast case above the GPS-20 board was getting very hot.
Strangely,where the regulator was heat sinked the case was cool. At this
point I noticed the GPS-20 had quit working. When I took the case apart
the GPS-20 was still very hot. It had gotten hot enough that the labels
on it had melted. Further investigation revealed that the 5V regualator

was a dead short and the full 12 volts of the car power supply had dumped into the GPS-20. Garmin was very helpful and swapped the unit for $45.00 exchange for a new one. This was especially convenient since I only live 3 blocks from Garmin's new headqaurters.

When I first packaged the unit I thought about incorporating some sort of power supply protection but got in a hurry and didn't. Besides the cigarette lighter plug had a one amp fuse in it and I had added the usual caps and ferrite beads between the three terminals. In the past I had never had a problem with these regulators. Surprise ! The dead GPS-20 only drew 600ma at 13.2 volts so the fuse never blew.

I decided to incorporate some sort of fail safe protection for the new unit. I bread boarded a zener and an SCR as a "crowbar" to blow the supply fuse if the power supply went high. The problem with this is that you need to incorporate a darlington pair to get the circuit to turn on hard enough to protect the GPS-20. It is also hard to get this set up to trigger at a precise voltage (example 5 volts plus 5% to stay within the Garmin spec of 5volts +/- 5%.). A zener does not make a very good voltage refernce !.

I'm always one to avoid reinventing the wheel so with a little research I came across the Motrola MC3423 Overvoltage Crowbar Sensing Circuit. All you need to use this little jewel is the chip itself (an 8 pin dip that can accept a supply voltage of 4.5 to 40 volts) 2 esistors (three if the trip voltage is to be abouve 11 volts) and an SCR plus whatever you want to use to interupt the current flow (ex. a fuse, a mosfet, a circuit breaker, etc.). The MC3423 can be across the GPS-20 input and the SCR can be placed before the voltage regulator if you want. The chip even has output for an indicator if you want.

The problem was finding a source for these chips that would sell to an end user. Plus there is the added cost of shipping, minimum order size etc. I ordered a tube of 50 of these chips because I have a number of uses for them and shipping was half the cost. If any one wants one and doesn't want to got to the trouble of tracking them down I'll make some available pretested with the 2 resistors to set it for around 5.4 to 5.5 volts plus copies of the data sheets from Motorola for $3 postage included. I figure that will just cover my cost of copying and mailing and running around to get the rest of the parts. You can get the SCR and fuse or whatever at Radio Shack. If you want one or more of these please email me directly at jscalet@sound.net. I will then give you my snail mail address. Do not reply in care of the forumn please.

73 and remember Smokie says "Only you can prevent FLAME wars."

From gerry@cs.tamu.edu Fri Sep 06 16:06:39 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA25764 for <aprssig@tapr.org>; Fri, 6 Sep 1996 16:06:38 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id QAA05764 for <aprssig@tapr.org>; Fri, 6 Sep 1996 16:06:14 -0500

From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id QAA04004 for aprssig@tapr.org; Fri, 6 Sep 1996 16:05:15 -0500
Message-Id: <199609062105.QAA04004@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:4472] Minuturization Efforts?
To: aprssig@tapr.org
Date: Fri, 6 Sep 1996 16:05:14 -0500 (CDT)
In-Reply-To: <Pine.PCW.3.91.960906130108.6575B-100000@ppp_056.unm.edu> from "robert" at Sep 6, 96 02:26:14 pm
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

robert sez:
>
>
> Does anyone know if there are any efforts to miniturize a GPS
> recevier, TNC, and transmitter into an extremely small package that
> could be carried by a bird? No, I'm not crazy, please read on. In
> addtion to being a Ham, I am also falconer. Telemetry is
> currently used by falconers to locate lost birds so equipped. Use of
> APRS for this purpose would be enormously more productive by an order of
> magnitude!

Having ruggedized a package that was placed on a herd of cows, I've some ideas about something like this.

I think that, using a MIM module and a GPS, you sought to be able to get something started. You'd probably end up using something like a Motorola VP OnCore 8 channel receiver. It's a 5volt receiver, and talks TTL levels.

Wasn't there something (Joe Argelo?) about a TNC (transmit only) and low power transmitter on a chip? That's another ideal application tool.

The gotcha will be battery. I've done some work with that, and think you will have to develope some timing mechanism where the thing fires off every _n_ minutes for _x_ minutes, and shuts back down. GPS receivers are power hogs.

All in all, some of the miniturization issues are coming together. Trimble has GPS on a PCMCIA card, so it's pretty small. Motorola announced a GPS on a single monolithic chip about 18 months ago. Getting the data transmitted, as well as collaring the birds for the hardwre, plus power requirements, strike me as the challenges.

73, gerry

From rwf@mindspring.com Fri Sep 06 18:03:56 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA01897 for <aprssig@tapr.org>; Fri, 6 Sep 1996 18:03:52 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id TAA18902 for

<aprssig@tapr.org>; Fri, 6 Sep 1996 19:03:51 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id TAA19911 for
<aprssig@tapr.org>; Fri, 6 Sep 1996 19:03:37 -0400
Message-Id: <2.2.32.19960906123251.0068401c@atl.mindspring.com>
X-Sender: rwf@atl.mindspring.com (Unverified)
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 06 Sep 1996 08:32:51 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4428] Re: APRS Airshow

KB9JTT wrote:

>
>I don't think that's true, either, Ralph. IIRC, Garmin's non-
>aviation handhelds, both marine (45) and otherwise (38/40,)
>do indeed shut down at approx. 99 knots; their non-handhelds,
>like the TrackPacs and the GPS20 and GPS25 OEM boards,
>do not. Am I somehow missing information on a Garmin
>unit?

Maybe just a difference in terminolgy. In my head, I consider the 40 and
other variations on the 45 engine a marine unit like the 45. The
35/trackpack and its cousins the 20 engine, etc I consider to be land units.
The 90 and 100 (I think the 100 is the indash aviation unit, but I could be
wrong) I consider to be aviation units.

>
>BTW, if anybody out there has built some interesting
>device with a GPS20, you won't believe how much better
>the GPS25 board is! Wow!

I have been using the 35 and think it is pretty fantastic, and I think it is
a 20 engine. Is there a trackpack made of the 25?

I had some GPS 35 trackpack/KPC-3 combinations here that were only used 3
weeks during a major summer sporting event that had no events in Cobb
County. We sold the packages for 350.00 each. Pretty good deal, eh?

If anymore become available, I'll notify the SIG.

From rwf@mindspring.com Fri Sep 06 18:04:00 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA01915 for <aprssig@tapr.org>; Fri, 6
Sep 1996 18:03:59 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by

answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id TAA18910 for
<aprssig@tapr.org>; Fri, 6 Sep 1996 19:03:56 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id TAA19989 for
<aprssig@tapr.org>; Fri, 6 Sep 1996 19:03:43 -0400
Message-Id: <2.2.32.19960906123256.0068fe28@atl.mindspring.com>
X-Sender: rwf@atl.mindspring.com (Unverified)
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 06 Sep 1996 08:32:56 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4436] Re: APRS Airshow

At 11:17 AM 9/5/96 -0500, you wrote:

>Whoe Now! It was a legit word of caution. Anyway, we're using Garmin 55
>AVD (AViation Device). Please don't get into a shooting match over this!
>

Yes, no shooting matches, just making point about the differences in certain
Garmins and which ones shut down. Could care less about aviation unit or
TSO, as no one in the sig has mentioned using them for *navigation* anyway.

From wa8inz@cris.com Fri Sep 06 18:21:06 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA02383 for <aprssig@tapr.org>; Fri, 6
Sep 1996 18:21:00 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id TAA12410; Fri, 6 Sep 1996 19:20:14 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80369.concentric.net [206.173.114.69])
     by cliff.cris.com (8.7.5)
     id TAA02130; Fri, 6 Sep 1996 19:20:53 -0400 (EDT)
Message-ID: <3230CDF1.1D12@cris.com>
Date: Fri, 06 Sep 1996 18:20:49 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4475] Re: WIDE,WIDE,WIDE?
References: <199609062101.RAA22228@bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:
>
> >I hate to say it, but you moved there. There is such a thing as
> >installing a digi somewhere else near your location. To many depend on a

> >very few to do all the work and spend the money to install digi's at
> >great expense then just sit back and complain because they can't hit them
> >with a rubber ducky hooked to an HT. Maybe if some folks would start
> >supporting the installations of those didi's you wouls see more of them
> >(Closer to your location Hi). I also noticed this with registering APRS.
> >There are some that i know of that have been using APRS for several
> >years, but just refuse to spend a couple of dollars to register the
> >software, but then complain because something isn't working to their
> >liking. Good morning Sig.
>
> Wait a minute...didn't this start out with this same person complaining
> that there were too many digis too close together? Now he's saying the
> answer is to put up more digis, and the problem is other people are too
> cheap and/or lazy? Jeez...at least be consistant!
>
> Steve KO4HD

Again you acting like a little child. No that wasn't me that started the
question about the 3 wides. If you can read which i'm starting to doubd,
read your saved messages and check before putting your foot in your mouth
--
     Check out my A.P.R.S Web Page.
       Totally Devoted to APRS
   To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
    http://www.concentric.net/~wa8inz

                \////
                (o o)
           --o00-(_)-00o--
             Bill WA8INZ
           wa8inz@cris.com
           wa8inz@amsat.org

From WB4LTF@aol.com Fri Sep 06 18:33:12 1996
Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA02716 for <aprssig@tapr.org>; Fri, 6
Sep 1996 18:33:09 -0500 (CDT)
From: WB4LTF@aol.com
Received: by emout10.mail.aol.com (8.6.12/8.6.12) id TAA19704 for
aprssig@tapr.org; Fri, 6 Sep 1996 19:32:38 -0400
Date: Fri, 6 Sep 1996 19:32:38 -0400
Message-ID: <960906193236_195991860@emout10.mail.aol.com>
To: aprssig@tapr.org
Subject: Bug in 7.7??

I have been running 7.7 for about a week now and it appears that the P report
is transmitting about every 2.5 to 3 minutes even though the to go indicates
>9. I never see the time count down.
The B report seems to work correctly.
I have and alternate digi path set at 50% but I didn't think this would
change the timing.
The BE is set to zero.

Has anyone else noticed this problem???
Is there a way to change the rate???

wb4ltf@aol.com
or
b.gotshall@worldnet.att.net

From TonyDrumm@ibm.net Fri Sep 06 19:20:09 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA05114 for <aprssig@tapr.org>; Fri, 6 Sep 1996 19:20:08 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id AAA157461 for <aprssig@tapr.org>; Sat, 7 Sep 1996 00:20:06 GMT
Message-Id: <199609070020.AAA157461@smtp-gw01.ny.us.ibm.net>
Received: from slip166-72-88-98.mn.us.ibm.net(166.72.88.98) by smtp-gw01.ny.us.ibm.net via smap (V1.3mjr)
     id smaovYKrx; Sat Sep 7 00:19:59 1996
X-Sender: usinet.aa0sm@pop03.ca.us.ibm.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 06 Sep 1996 19:25:54 -0500
To: aprssig@tapr.org
From: TonyDrumm@ibm.net (Tony Drumm)
Subject: WX parsing and slow op on fast computer

I've been working toward being able to setup my TNC and Ultimeter 2000 to do their thing sans computer. Well, tonight, I've finally had some success. I ended up using the GPS mode of my PK232. Before that, I tried using the Ultimeter's packet mode. I had that working just fine from my station's point of view. However, I had (DOS)APRS running in another part of the house to monitor what's going on. When APRS received the WX packet, it apparently caused some sort of parsing error which displayed in the middle of the map. I didn't write down the actual message but it seemed to refer to some parsing subsystem, gave some info, and asked if I wanted to continue or quit.

Any ideas, Bob? BTW, running 7.6f.

Also, I've been playing with mapfix to make some of my own maps. I started doing it on our "main" computer, a 486-120 with 32MB. It was excrutiatingly slow, especially the mouse operation. The mouse was nearly unusable. I later ran it on the shack computer, a 486DX33, and it ran just fine. I've also noticed that APRS itself suffers some of the same symptoms but to a lesser degree.

Thanks and 73.
Tony Drumm
ARS AA0SM

From knupke@babbage.csee.usf.edu Fri Sep 06 20:31:52 1996
Received: from babbage.csee.usf.edu (root@babbage.csee.usf.edu [131.247.1.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA08189 for <aprssig@tapr.org>; Fri, 6

Sep 1996 20:31:46 -0500 (CDT)
Received: from ppp8.stpt.usf.edu (ppp8.stpt.usf.edu [131.247.146.207]) by
babbage.csee.usf.edu (8.6.11/8.6.11) with SMTP id VAA08912 for <aprssig@tapr.org>;
Fri, 6 Sep 1996 21:31:24 -0400
Date: Fri, 6 Sep 1996 21:31:24 -0400
Message-Id: <199609070131.VAA08912@babbage.csee.usf.edu>
X-Sender: knupke@babbage.csee.usf.edu
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Paul Knupke Jr." <knupke@babbage.csee.usf.edu>
Subject: Re: [APRSSIG:4470] Re: WIDE,WIDE,WIDE?

At 12:19 PM 9/6/96 -0500, you wrote:

>I hate to say it, but you moved there. There is such a thing as
>installing a digi somewhere else near your location. To many depend on a

Well, not everyone can move anywhere they want. Having antennas is a
consideration of where I live, but not the deciding factor. We have a good
digi here in Largo, Florida (KF4FOH-10) at this time sponsored by the local
RACES group. It is quite usuable on fairly low power all over.

>There are some that i know of that have been using APRS for several
>years, but just refuse to spend a couple of dollars to register the
>software, but then complain because something isn't working to their
>liking. Good morning Sig.

I know there are ungrateful people. I co-sysop a BBS, and the biggest
whiners don't do a darn thing but whine but its their consience and not mine.

Luckly, it seems, the majority of regular APRS users in this area are
registered. We did a group registration last year and we hope to be able to
provide a registration site at the Suncoast Convention in Tampa in November.

73 Paul
Paul E. Knupke, Jr.
Largo, Florida
Amateur Radio KR4YL

From morganb@admin.inetport.com Fri Sep 06 20:51:34 1996
Received: from admin.inetport.com (root@inetport.com [206.64.12.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA09164 for <aprssig@tapr.org>; Fri, 6 Sep 1996
20:51:29 -0500 (CDT)
Received: from mail.inetport.com (md1.inetport.com [206.64.12.21]) by
admin.inetport.com (8.7.5/8.7.3) with SMTP id UAA03201 for <aprssig@tapr.org>;
Fri, 6 Sep 1996 20:53:25 -0500
Date: Fri, 6 Sep 1996 20:53:25 -0500
Message-Id: <199609070153.UAA03201@admin.inetport.com>
X-Sender: morganb@inetport.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: morganb@admin.inetport.com (Robert B. Morgan)
Subject: Re: part 1/4 APRS L3 (TexNet)

Well, I have posted part 1/4 TWICE, and it hasn't turned up. I am
beginning to guess that the SIG must have some sort of filesize
limit, as it happens to be about 18K and the other 3 were 10-12K.
(It didn't seem to bother those executables that were posted a couple of
weeks ago, or maybe it is a new limit? Or maybe something else is wrong.)

If THIS little msg propagates successfully, I will go back and split
part 1/4 into a 1A/4 and a 1B/4, and repost it that way. That first file
was the one which had the general comments that were consolidated from
this SIG. Stay tuned.

Comment to APR. TexNet has been designed and applied from the beginning
as a separate user and trunk system. It is intended to support
multiple users at 1200b by use of a 9600b common trunk. We have
very actively discouraged the implementation of a trunk on the
user frequency in direct competition with its users. The trunk wins
hands down every time, and I suppose it stabilizes on a busy channel
where it limits traffic on the trunk by pushing users off the frequency.
(Does this sound familiar to anyone? If it does, separate the trunks!)

We started out applying one user freq in a locality. It could be
anywhere, at local discretion, on any band. In larger traffic locales,
we have added ports either on the same node, or added nodes as
necessary, to add ports to support BBS forwarding, and later on did
the same thing with additional ports in some locales to support DXC
networking. I would presume the next logical thing would be to add
some APRS ports (and I am not speaking for any other except myself here).
Decisions to add ports to OUR own network rests with those who support
it, which is our policy at TPRS to be a local matter. Of course, anyone
can go put up a parallel network.

Presently, as far as I am aware, we don't have any user ports on 145.79.

73 de Bob
WB5AOH

From morganb@admin.inetport.com Fri Sep 06 23:32:15 1996
Received: from admin.inetport.com (root@inetport.com [206.64.12.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA15482 for <aprssig@tapr.org>; Fri, 6 Sep 1996
23:32:11 -0500 (CDT)
Received: from mail.inetport.com (md10.inetport.com [206.64.12.30]) by
admin.inetport.com (8.7.5/8.7.3) with SMTP id XAA07295 for <aprssig@tapr.org>;
Fri, 6 Sep 1996 23:34:06 -0500
Date: Fri, 6 Sep 1996 23:34:06 -0500
Message-Id: <199609070434.XAA07295@admin.inetport.com>
X-Sender: morganb@inetport.com (Unverified)
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: morganb@admin.inetport.com (Robert B. Morgan)
Subject: Part 1B/4 APRS L3 (TexNet)

L3 APRS part 1B/4 (TexNet)

-----Well here is the other half of 1/4.-------

From: DDOBBINS@aol.com
Date: Thu, 29 Aug 1996 10:05:43 -0400
To: morganb@admin.inetport.com
Subject: Re: [APRSSIG:4135] APRS L3 Networking (TexNet)

Hi Bob de Dave/WH6YC qth Seattle. I lived in San Angelo for 3 years and was the APRS coordinator for TX while there. I don't know who's got the glamorous job now. I created a number of TX maps, and GPS error corrected many of them while driving, primarily, in WTX. Maps I have have been posted to the TAPR APRS SIG something like TXMAPS##.ZIP. I think I may have some updates since then. Good luck with the TEXNET-APRS connectivity. You may try KB5EDB/David Eaton in San Angelo, or AA5PK/Glenn Miller also in San Angelo. They are both avid APRS people. There is also a WX station on their system, which is on 145.01, digi thru SAG. Let me know if I can be of further assistance. Dave.

--------thanks Dave (Jim WA5LHS got me started in APRS)--------

From: KG5QD@aol.com
Date: Thu, 29 Aug 1996 20:37:17 -0400
To: morganb@admin.inetport.com
Subject: Re: [APRSSIG:4135] APRS L3 Networking (TexNet)

Seems to me the best way to interface the transport layer to APRS is to put the TEXNET or other L3 stuff in the Middle of the digi path- I E
KG5QD>APRS,Wide,Wide,(Texnet input node name), (TexNet output Node),Wide
,Wide:[data]
Texnet node recognizes its call(or Name) in a <UI> frame - then encapsulates the
Sending call along with the rest of the digi path after the TexNet output node call
--and the data in the aprs packet-- in a standard ax.25 connected packet AS DATA--
then on the other end the output TexNet Node strips the L3 stuff back off--bit shifts and all that stuff the Header left in the Data --and sends it on the aprs freq as a <UI>
frame . The sending station has control over the path as far as the Aprs and will not care how the TexNet part gets there. The area where the packet orginated will see
the packet digi-ed only as far as the input node call where the "sent Bit" will not be set so no more repeats.
The packet can have up to 8 Digis- so this scheme would allow 3 on each end with
2 for the L3 layer.
Best of Luck on this project 73 de kg5qd Dale Marco Island Fl (U T Ex)

---------reply comments-----------
This one is different, and brings up some real issues. First, I don't want to sound like I am replying negatively, but it raises some issues that I don't think I can handle, or at least on a first approach. I still want to thank Dale for the comments. As for the issues, they needed to be addressed anyway.

There are several concern areas here, not the least of which is the 8-digi field. Way back when (as Harry N0CCW says, when the world was flat) when TexNet originated, as of course a connected networking alternative to digipeating of connected stations in a crowded environment, digipeating out to 8 repeats was unworkable. W3IWI wrote a classic treatise on the exponential failure of multihop digis past about 3 or so repeaters. TexNet has a RAM memory structure which trades I-field buffer memory against the number of possible repeat fields in the address space, and we set the address length field at a maximum of 4 digis, since any more than that were unusable from a practical standpoint anyhow. So any packet that comes along with 5 or more digis is pitched out, in fact it aborts the reception when the address field gets past that point. It can be made longer by specifying a variable during the compile process, but I don't know that I am ready to change it for lots of reasons, the biggest of which is the performance cost of less memory space to buffer up packets in a queue for the trunks. I recognize that using the address fields here is actually splitting the digipeat process in such a way as to make it much more reliable, so that isn't the issue here. The fields are just being used to contribute routing information, not to launch more digipeats into the ether to step on each other.
Next comment is that splitting the field in half implies that the second half of the address field is to be shipped to the destination to be reused for further addressing. THAT implies that the L3 datagram has to carry the address info in addition to the I-field, and that brings up the question of how long the I-field is, for ANY APRS transmission. First, I have to subtract 5 bytes of overhead for a L3 datagram header (destination node/user, source node/user, and function code), which leaves 251 bytes max. Now if I have to subtract 7 bytes for each required field, which could be up to maybe 6 or 7 addresses, that could be another 49 bytes, leaving around 200 or so. I have skimmed over the APRS doc's but I would like Bob Bruniga or someone to tell me a definitive number of bytes that APRS would ever send in one packet. Maybe it is already 256, if so, we are looking at a possible problem, since I have to subtract 5 bytes at a very minimum.
Next comment I have to make, which is necessary at this point, is the issue of packet splitting. TexNet has to split any (connected) user packet for transmission on the network if it happens to exceed 251 bytes. If it does, it splits it

roughly in half, and prefixes the L3 header to each, and squirts
both of them down the trunk. At present, we don't bother to
glue them back together, we assume that all users are working
off a bytestream of I fields. That isn't true of TCP-IP
connects, which is why they don't work on TexNet. That issue
is one I am trying to solve now, and it is somewhat related
to this issue, although it may not be apparent to outsiders.
It revolves around the addressing methods and space allocations
and whether or not to re-assemble split packets, etc. I
anticipate solving both problems together in the same release.
The direct issue here is whether or not to split a UI
packet for transmission over the network, and my first
approach is instintively not to do so. Here's why-
Presumeably the APRS receive user has to have a one-to-one
correspondence between the packet address header and the
represented data. It expects one full I-field on each, not
a split pair of packets with half the data in each. So they
would have to be glued back together. Since it is UI this
implies: no user circuit table at the destination and no
guaranteed delivery was intended.   Since it is a UI, no
assurance that there is a mechanism to establish what to
do with multiple split packets arriving from more than one
sourcenode, and some possible demands for memory buffer to
hold the first half waiting for the second, if it ever could be
determined which halves went together. ALSO, there will
probably be some sort of priority mechanism as suggested in
some of the existing APRS docs, so as to not overload the
network with too many UI's. I have a mechanism now that
can be used to determine if the node has some free memory
for discretionary acceptance of data, and it will have
to be used to determine if the APRS UI's will be accepted or
rejected to begin with, also to determine if the packets
will continue to be forwarded at all intermediate nodes.
If I don't do that, the network could be swamped to shutoff
by too many UI's input to it, so I have to implement this
to protect itself. Then THAT raises the question of what to
do with the half of a packet that does make it to a destination
when it's other half has been deleted, never to arrive.
I can't store them or I will run out of memory. I can only
store the first half of split packets for Connected Stations,
not UI's, since these can be supervised by connection
terminations as failures occur. The memory is released
when a connected station loses connection. UI's provide none
of this, since they don't show up in a connection table.
So, I have to come around to the previous question: what will
the max I field of an APRS packet be? I can't make many
more steps in design planning without knowing. If for instance it
were around 80-100 bytes, there would be no problems forseen.
Or another approach is to recognize that feeding through
the network would limit the sender to a reduced length
in case we just decide to truncate at 251 bytes, or maybe some
lower number if we have to transport addressing.
---------guess that is the end of that reply, for now--------

Continued in part 2/4.

73 de Bob
Robert Morgan
WB5AOH
Austin, Texas
morganb@admin.inetport.com

From wa8inz@cris.com Fri Sep 06 23:35:06 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA15789 for <aprssig@tapr.org>; Fri, 6 Sep 1996 23:34:53 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id AAA28524; Sat, 7 Sep 1996 00:33:56 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc801108.concentric.net [206.83.64.108])
     by cliff.cris.com (8.7.5)
     id AAA07287; Sat, 7 Sep 1996 00:34:34 -0400 (EDT)
Message-ID: <32311777.431B@cris.com>
Date: Fri, 06 Sep 1996 23:34:31 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4483] Re: WIDE,WIDE,WIDE?
References: <199609070131.VAA08912@babbage.csee.usf.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Knupke Jr. wrote:
>
> At 12:19 PM 9/6/96 -0500, you wrote:
>
> I know there are ungrateful people. I co-sysop a BBS, and the biggest
> whiners don't do a darn thing but whine but its their consience and not mine.
>
> Luckly, it seems, the majority of regular APRS users in this area are
> registered. We did a group registration last year and we hope to be able to
> provide a registration site at the Suncoast Convention in Tampa in November.
>
> 73 Paul
> Paul E. Knupke, Jr.
> Largo, Florida
> Amateur Radio KR4YL

Well Paul there are ways to get gain antenna's that are compact enough to easely fit in the confined space of an attic, a 3 or 4 element yagi would take up very little room and would double or even tripple the range you get with a

omni antenna. The thing i'm saying there's always a way to fix the problem other then 3 wides i think. Maybe that is the only way in some area's of the country but i'm sure glad they don't use it here.

--
     Check out my A.P.R.S Web Page.
       Totally Devoted to APRS
   To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
    http://www.concentric.net/~wa8inz

                \////
                (o o)
           --o00-(_)-00o--
             Bill WA8INZ
           wa8inz@cris.com
           wa8inz@amsat.org

From wa8inz@cris.com Sat Sep 07 00:54:18 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA25450 for <aprssig@tapr.org>; Sat, 7 Sep 1996 00:54:14 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id BAA07185; Sat, 7 Sep 1996 01:53:30 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80270.concentric.net [206.173.113.70])
     by cliff.cris.com (8.7.5)
     id BAA17404; Sat, 7 Sep 1996 01:54:09 -0400 (EDT)
Message-ID: <32312A1D.7DE6@cris.com>
Date: Sat, 07 Sep 1996 00:54:05 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Dissapointed
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Boy i am realy dissapointed in the lack of interest in helping others trying to get into APRS that may need some help with getting off to a good start. To many i think forget that they at one time or other have asked someone for help, but how quick we forget. I posted several messages asking for names to add to my dedicated APRS mentor page, Besides Bob Bruninga, Keith Sproul, there where 18 or so others that where good enough to come forward and say they would be glad to help a newcomer in need in their area. I see many messages about having meetings and get togethers, for what well i guess many drink beer so i think it would be better if it was called a beer party. Surely it's not to advance APRS because if that's what it was meant to do forget it. If those users aren't even willing to help someone just starting out in their own

area what is such a meeting going to accomplish. I have dedicated, and worked hard on setting up a webpage just for APRS and to help those that need help, fellows that's the only way to make it grow in case you didn't know. It's not having a beer party that does that. I have decided that i'm fighting a loosing battle and will wipe my webpage off of the server since there doesn't seem to be much interest in that sort of thing. Instead i will devote it to something worth while. Thanks to those that did want to help.

Bill Nolle
--


```
                \////
                (o o)
           *--o00-(_)-00o--*
             Bill WA8INZ
           wa8inz@cris.com
           wa8inz@amsat.org
```


From mbary@nmaa.org Sat Sep 07 01:23:12 1996
Received: from mail.nmaa.org (mail.nmaa.org [204.91.49.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA26799 for <aprssig@tapr.org>; Sat, 7 Sep 1996 01:23:11 -0500 (CDT)
Received: from ppp79.nmaa.org ([204.91.49.79]) by mail.nmaa.org
          (post.office MTA v1.9.1 ID# 0-11620) with SMTP id AAA222;
          Sat, 7 Sep 1996 02:26:03 -0400
Message-ID: <32313E71.2ADA@nmaa.org>
Date: Sat, 07 Sep 1996 02:20:49 -0700
From: mbary@nmaa.org (Mark L. Bary)
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
CC: rwf@mindspring.com
Subject: TracPak Engines
References: <2.2.32.19960906123251.0068401c@atl.mindspring.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

rwf wrote:
>
> I have been using the 35 and think it is pretty fantastic, and I think it is
> a 20 engine. Is there a trackpack made of the 25?

Yes, you can order a TracPak with the GPS-25 (PhaseTrac 12) engine, according to a spec sheet I'm looking at.

One interesting thing strikes me: Under both the GPS-25 and GPS-20 engines it says input voltage is to be "5.0 volts DC +\-5% regulated". But under the TracPak column it says "Just connect TracPak to 10-30 bolts of DC power..." I guess when they put the engines into a TracPak they add the required voltage limiting and regulating circutry.

It appears that if you want the TracPak with the GPS-25 engine you order

the model GPS-35.

73
Mark
N4EOC
Germantown, MD

From N2ZRC@gnn.com Sat Sep 07 08:06:10 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA08710 for
<aprssig@tapr.org>; Sat, 7 Sep 1996 08:06:08 -0500 (CDT)
Received: from 12-90.client.gnn.com. (12-90.client.gnn.com [205.188.12.90]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id JAA30832 for
<aprssig@tapr.org>; Sat, 7 Sep 1996 09:05:33 -0400 (EDT)
Message-Id: <199609071305.JAA30832@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 07 Sep 1996 09:05:49
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4474] MAJOR APRS PROBLEM ! ! !

On Fri, 6 Sep Scott Ratchford said that:

>... the problem is that at 2:30 a.m., when grandma is barking
>in one ear and the hounds are barking at the neighbors dogs
>and I'm shouting at the dogs to shut up, I can't resist look-
>ing at the (H)eard list screen ... I can't leave it alone!
>I've got to sit there and play with this thingy till I either
>fall back asleep at the keyboard or it's daylight!

     <lol> Don't look now, Scott, but this "malady" is prob'ly
a LOT more prevalent than you think! Especially here in what
we call the "Northeast Corridor" from Boston to DC, where my
"P" list ALWAYS fills up, and I've gotta make room for more,
since the dark grays are "taking up useful space!" I think
that's the ONE feature I prefer in WinAPRS over APRSDos: when
last I looked, WinAPRS allowed you to have 256 stations dis-
played at any given time. I'm glad Bob let us have the extra
page in 7.7 (although I wish it were more, but have no idea
[YES, you may read that "No Clue," if you like <hihi>] on how
to get around this.)

>* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

     I'm including this part of his signature, just wondering
how many "fingers" helped lubricate Scott's admittedly GREAT
story! ;-)   73

               Arte Booten <N2ZRC@gnn.com>
 (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)

[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From N2ZRC@gnn.com Sat Sep 07 08:45:56 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA10058 for
<aprssig@tapr.org>; Sat, 7 Sep 1996 08:45:55 -0500 (CDT)
Received: from 12-90.client.gnn.com. (12-84.client.gnn.com [205.188.12.84]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id JAA01918 for
<aprssig@tapr.org>; Sat, 7 Sep 1996 09:45:14 -0400 (EDT)
Message-Id: <199609071345.JAA01918@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 07 Sep 1996 09:45:32
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4487] Dissapointed

Hi Bill,

On Sat, 7 Sep you were:

>Dissapointed
>
>... I'm fighting a loosing battle and will wipe my webpage off
>of the server ...

Aw, c'mon Bill. Isn't that throwing out the baby with the bathwater? There are those 18 of us that came forward and were willing to have their e-mail addresses PUBLISHED, and I'm sure there are plenty more of us that do exactly the same thing you and I do when we see a new station on the screen but, for one reason or another, DON'T care to dissemniate their e-mail address any more than absolutely necessary. Perhaps they're concerned about spamming, maybe they don't check their mail very often (how many on the SIG just check the mail once a week,) or any one of a myraid of reasons.

You know as well as I that the great majority of hams are always (oh, okay ... USUALLY) willing and glad to offer a hand to the newbie, to increase his proficiency, promote the hobby and encourage good operating practices. This is the ancient (in electronics & computer terms) concept known as ELMERING.

I've only been in this hobby for a couple of years and was NOT elmered in. I had to learn it myself. After I got my ticket and was on the air I was delighted by the amounts of assistance I received when I stepped on my own (or others'!) toes or put my foot in my mouth. All of us have, at one time or another, received such hand-holding.

So please don't be disappointed by what you see here on the SIG. There are LOTS more of us out here than you may realize. They just may be reluctant to have their e-mail boxes filled with what may seem like inane questions on APRS. Some years ago I learned an important lesson about such questions: The only "stupid" questions are the ones that AREN'T ASKED!

73

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From jaym1@soho.ios.com Sat Sep 07 09:28:32 1996
Received: from haven.ios.com (root@haven.ios.com [198.4.75.45]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA12062 for <aprssig@tapr.org>; Sat, 7 Sep 1996 09:28:31 -0500 (CDT)
Received: from [206.20.7.11] (ppp-11.ts-1.ct.idt.net [206.20.7.11]) by haven.ios.com (8.6.11/8.6.9) with SMTP id KAA16387 for <aprssig@tapr.org>; Sat, 7 Sep 1996 10:28:26 -0400
Message-Id: <v01510100ae56fe40a493@[206.20.7.7]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 7 Sep 1996 10:28:55 +0000
To: aprssig@tapr.org
From: jaym1@soho.ios.com (Jay Millard)
Subject: Re: [APRSSIG:4474] MAJOR APRS PROBLEM ! ! !

J. Scott Ratchford wrote:

<snip for bandwidth police>

> Shame on you, Bob! This thing is still too much fun!
>
>BTW, This DID happen a few nights ago and I really DO have 13 hounds!

I wish that every day I could start with the smile on my face that this story gave me!

Happy MacAPRSing too de Jay.

Jay Millard
Harmill Communications Inc.
** Amateur Radio Station KD1LY **
Darien, Connecticut 06820

From ad4bl@juno.com Sat Sep 07 10:13:20 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA13909 for <aprssig@tapr.org>; Sat, 7

Sep 1996 10:13:18 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)
     id LAA00274; Sat, 07 Sep 1996 11:13:15 EDT
To: aprssig@tapr.org
Date: Sat, 7 Sep 1996 11:12:23 CDT
Subject: Re: Dissapointed
Message-ID: <19960907.101340.3406.5.ad4bl@juno.com>
References: <199609071345.JAA01918@mail-e2b-service.gnn.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-17
From: ad4bl@juno.com (Linda G Mullen)

In answer so your statement.....

Most of us are busy elmering new stations in our own areas,
we know when a new station comes on the air and climb all
over them to assist.
We have a strong District group here in East Panhandle, and
are connected by a vhf net that will reach the whole District.
When a station wants to begin operating APRS, all they have
to do is mention it on the net.
I think your webpage idea is great but how many NEW APRS
stations know to check into the webpage or the TAPR group?
Keep up the good work.

Linda Mullen AD4BL DEC East Panhandle District
Northern Florida Section
Email   ad4bl@juno.com   or ad4bl@beaches.net
Everything worth doing is scary

From rbost@itexas.net Sat Sep 07 10:25:18 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA14424 for <aprssig@tapr.org>; Sat, 7
Sep 1996 10:25:16 -0500 (CDT)
Received: from rbost.itexas.net ([207.22.198.68]) by mailhost.itexas.net
          (post.office MTA v2.0 0813 ID# 0-12497) with ESMTP id AAA122
          for <aprssig@tapr.org>; Sat, 7 Sep 1996 10:27:20 -0500
From: rbost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4490] Re: Dissapointed
Date: Sat, 7 Sep 1996 10:24:24 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19960907152719632.AAA122@rbost.itexas.net>

If you got 18 people to sign up, I thinkg you're doing very well. From
what i've seen on this SIG, 18 people is a good percentage of the aactive
people on the sig! I mean , it always seems to be the same names on the

messages every day! And yes you can add my name to your list! By the wqy, Ive helped double the number of Aprs stations on the air in Hood County......one to two and one more trying to get on the air! :-) Anyone know any tricks on getting a KAM and WinAPRS working?

Roy Bost, N5TAM
Granbury, Tx.
rbost@itexas.net
32 25' 33"N   97 48' 59"W

From mbary@nmaa.org Sat Sep 07 10:43:50 1996

Received: from mail.nmaa.org (mail.nmaa.org [204.91.49.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA16334 for <aprssig@tapr.org>; Sat, 7 Sep 1996 10:43:49 -0500 (CDT)
Received: from ppp47.nmaa.org ([204.91.49.47]) by mail.nmaa.org
          (post.office MTA v1.9.1 ID# 0-11620) with SMTP id AAA210
          for <aprssig@tapr.org>; Sat, 7 Sep 1996 11:46:45 -0400
Message-ID: <3231C1D5.5E8@nmaa.org>
Date: Sat, 07 Sep 1996 11:41:25 -0700
From: mbary@nmaa.org (Mark L. Bary)
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4464] The Cross Country Trip, an APRS Adventure!
References: <199609060801.EAA02608@bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:
>
> Hello gang...
>
> Well, it's almost time for the Digital Communication Conference, and
> again I will be driving. An unusual drive, since I will go, quite
> literally, from one corner of the country to the other (Key West to
> Seattle). I will be running APRS on both HF and VHF all the way. The van
> also has a second HF rig for voice, a station for normal packet, and a
> dual band rig for VHF/UHF voice. Then there are the two computers
> (connected via an AppleTalk network), CD ROM drive, cell phone, audio CD
> changer...you get the idea. After the conference I'll head south down the
> coast to Southern Cal to visit friends and family, and finally take
> I-8/10 home in a mad rush to get back before I have to go back to work.
> --slash--
> Hope to see you out there!
>
> Steve KO4HD

Gee whiz Steve, just how many second-ops you going to go through on this trip?! With all that gear to operate you must be planning to emulate the old Pony Express method of picking up a fresh one at every other stop or so...!!

Oh, and I just bought a bunch of shares in the company that makes No-Doz!

Have a great trip, take notes, drive safe!

73
Mark
N4EOC
Germantown, MD

(See y'all at the Gaithersburg Hamfest tomorrow!)

From knupke@babbage.csee.usf.edu Sat Sep 07 10:48:13 1996
Received: from babbage.csee.usf.edu (root@babbage.csee.usf.edu [131.247.1.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA16677 for <aprssig@tapr.org>; Sat, 7 Sep 1996 10:48:08 -0500 (CDT)
Received: from ppp14.stpt.usf.edu (ppp14.stpt.usf.edu [131.247.146.213]) by babbage.csee.usf.edu (8.6.11/8.6.11) with SMTP id LAA28680 for <aprssig@tapr.org>; Sat, 7 Sep 1996 11:47:57 -0400
Date: Sat, 7 Sep 1996 11:47:57 -0400
Message-Id: <199609071547.LAA28680@babbage.csee.usf.edu>
X-Sender: knupke@babbage.csee.usf.edu
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Paul Knupke Jr." <knupke@babbage.csee.usf.edu>
Subject: Re: [APRSSIG:4486] Re: WIDE,WIDE,WIDE?

At 11:59 PM 9/6/96 -0500, you wrote:

>Well Paul there are ways to get gain antenna's that are compact enough to
>easely fit in the confined space of an attic, a 3 or 4 element yagi would take
>up very little room and would double or even tripple the range you get with a
>omni antenna. The thing i'm saying there's always a way to fix the problem
>other then 3 wides i think. Maybe that is the only way in some area's of the
>country but i'm sure glad they don't use it here.

That is true. Luckly I'm not in the situation. The only time WideX3 is used here is if something very important needs to get out to a large area.

After seeing Dale's javAPRS application in metro Atlanta, I can see why wideX3 would be a problem in land'o'big mountains.... and not small hills.

Here to get 150 miles we have to direct our packets to at least 3 digis, and sometimes 4. At night we can see alot of Florida but during the day we don't see Orlando much even.

Also where the wides are located has a great deal to do with what you can and cannot do. Being on the west coast I can direct my packets easier than someone in Lakeland or Orlando who wants to go both ways across Florida. We don't hear the Orlando digi here frequently but we do hear Lakeland, Sarasota and Brooksville (and the deaf Tampa digi) so we can get around. Our network isn't busy by any stretch of the imagination though. Compared

to AL/GA/TN we're pretty scarce really. Though from Key West up to Palm Beach they are a bit ahead of us in population of the APRS network. Still our usage isn't extremely high. yet.... maybe after the coming hamfests this year where APRS'ers will be promoting our favorite packet application!

>
>--
>   Check out my A.P.R.S Web Page.
>   Totally Devoted to APRS
>   To go straight to the Mentor Page:
>http://www.concentric.net/~wa8inz/NEWPAGE.HTM
>   http://www.concentric.net/~wa8inz
>
>   \////
>   (o o)
>   *--o00-(_)-00o--*
>   Bill WA8INZ
>   wa8inz@cris.com
>   wa8inz@amsat.org
>
>
Paul E. Knupke, Jr.
Largo, Florida
Amateur Radio KR4YL

From knupke@babbage.csee.usf.edu Sat Sep 07 10:58:23 1996
Received: from babbage.csee.usf.edu (root@babbage.csee.usf.edu [131.247.1.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA17835 for <aprssig@tapr.org>; Sat, 7 Sep 1996 10:58:20 -0500 (CDT)
Received: from ppp14.stpt.usf.edu (ppp14.stpt.usf.edu [131.247.146.213]) by babbage.csee.usf.edu (8.6.11/8.6.11) with SMTP id LAA28948 for <aprssig@tapr.org>; Sat, 7 Sep 1996 11:58:12 -0400
Date: Sat, 7 Sep 1996 11:58:12 -0400
Message-Id: <199609071558.LAA28948@babbage.csee.usf.edu>
X-Sender: knupke@babbage.csee.usf.edu
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Paul Knupke Jr." <knupke@babbage.csee.usf.edu>
Subject: Re: [APRSSIG:4492] Re: Dissapointed

At 10:33 AM 9/7/96 -0500, you wrote:

>We have a strong District group here in East Panhandle, and
>are connected by a vhf net that will reach the whole District.

I wish we had ARES districts period. What we seem to be doing with APRS all all based on local groups in the Southern Section. (Since my county borders NFL, we do have strong ties to both sections luckly.) We sometimes get more input from NFL folks than SFL folks :-(

>When a station wants to begin operating APRS, all they have
>to do is mention it on the net.

Thats true here. If I hear questions I'm always glad to step up to bat and help.

>I think your webpage idea is great but how many NEW APRS
>stations know to check into the webpage or the TAPR group?
>Keep up the good work.

Heck there are alot of hams who don't even do email, or surf the web. I know hams who have TNC's that don't have modems even. This is changing though.
Paul E. Knupke, Jr.
Largo, Florida
Amateur Radio KR4YL

From DDOBBINS@aol.com Sat Sep 07 11:04:34 1996
Received: from emout14.mail.aol.com (emout14.mx.aol.com [198.81.11.40]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA18234 for <aprssig@tapr.org>; Sat, 7 Sep 1996 11:04:31 -0500 (CDT)
From: DDOBBINS@aol.com
Received: by emout14.mail.aol.com (8.6.12/8.6.12) id MAA08387 for aprssig@tapr.org; Sat, 7 Sep 1996 12:03:59 -0400
Date: Sat, 7 Sep 1996 12:03:59 -0400
Message-ID: <960907120357_1175904706@emout14.mail.aol.com>
To: aprssig@tapr.org
Subject: CHANGE EMAIL ADDRESS

Hi to the SIG. Due to non-availability of a local access number where I now live, I've had to change my e-mail address. For those of you who have me in their address book, the new address is: ddobbins@juno.com.

Thanks. Dave/WH6YC.

From wa4mej@juno.com Sat Sep 07 15:47:55 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA29731 for <aprssig@tapr.org>; Sat, 7 Sep 1996 15:47:53 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail)
     id QAA04295; Sat, 07 Sep 1996 16:46:27 EDT
To: aprssig@tapr.org
Date: Sat, 7 Sep 1996 16:34:57 PST
Subject: Re: [APRSSIG:4497] CHANGE EMAIL ADDRESS

Message-ID: <19960907.164445.4647.0.wa4mej@juno.com>
References: <960907120357_1175904706@emout14.mail.aol.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-16

From: wa4mej@juno.com (john w dent)

DAVE GOOD FOR YOU

On Sat, 7 Sep 1996 11:13:39 -0500 (CDT) DDOBBINS@aol.com writes:
>Hi to the SIG. Due to non-availability of a local access number where
>I now
>live, I've had to change my e-mail address. For those of you who have
>me in
>their address book, the new address is: ddobbins@juno.com.
>
>Thanks. Dave/WH6YC.
>
>

From wa4mej@juno.com Sat Sep 07 15:48:01 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA29748 for <aprssig@tapr.org>; Sat, 7
Sep 1996 15:47:59 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail)
     id QAB04295; Sat, 07 Sep 1996 16:46:27 EDT
To: aprssig@tapr.org
Date: Sat, 7 Sep 1996 16:39:49 PST
Subject: Re: Dissapointed
Message-ID: <19960907.164445.4647.1.wa4mej@juno.com>
References: <199609071558.LAA28948@babbage.csee.usf.edu>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-5,7-40
From: wa4mej@juno.com (john w dent)

 SOME TIMES OUR HAMS DON'T UNDERSTAND HOW PROPERGATION WORKS
THE WEST PAN OF FLA IS DOING IT RIGHT TAKE A A LOOK AT WHAT THEY ARE
DOING

 WA4MEJ

On Sat, 7 Sep 1996 11:09:22 -0500 (CDT) "Paul Knupke Jr."
<knupke@babbage.csee.usf.edu> writes:
>At 10:33 AM 9/7/96 -0500, you wrote:
>
>>We have a strong District group here in East Panhandle, and
>>are connected by a vhf net that will reach the whole District.
>
>I wish we had ARES districts period. What we seem to be doing with
>APRS all
>all based on local groups in the Southern Section. (Since my county
>borders
>NFL, we do have strong ties to both sections luckly.) We sometimes

>get more
>input from NFL folks than SFL folks :-(
>
>>When a station wants to begin operating APRS, all they have
>>to do is mention it on the net.
>
>Thats true here. If I hear questions I'm always glad to step up to
>bat and
>help.
>
>>I think your webpage idea is great but how many NEW APRS
>>stations know to check into the webpage or the TAPR group?
>>Keep up the good work.
>
>Heck there are alot of hams who don't even do email, or surf the web.
>I
>know hams who have TNC's that don't have modems even. This is
>changing though.
>Paul E. Knupke, Jr.
>Largo, Florida
>Amateur Radio KR4YL
>
>

From wa4mej@juno.com Sat Sep 07 15:48:04 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA29766 for <aprssig@tapr.org>; Sat, 7
Sep 1996 15:48:02 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail)
     id QAC04295; Sat, 07 Sep 1996 16:46:27 EDT
To: aprssig@tapr.org
Date: Sat, 7 Sep 1996 16:44:41 PST
Subject: Re: WIDE,WIDE,WIDE?
Message-ID: <19960907.164445.4647.2.wa4mej@juno.com>
References: <199609071547.LAA28680@babbage.csee.usf.edu>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 1,3-5,7-84
From: wa4mej@juno.com (john w dent)

YOU ARE LUCKEY ,, FOR AN ANT . AT 100 FT YOUR EXPETED RADIO RANGE WOULD BE +- 30
MILES WITH OUT THE ADDED FOR POWER ANT GAIN. ETC..
DO NOT TELL OTHERS ABOUT THE RADIO RANGE IN AN AREA YOU HAVE IN SIGHT
ABOUT

On Sat, 7 Sep 1996 10:57:17 -0500 (CDT) "Paul Knupke Jr."
<knupke@babbage.csee.usf.edu> writes:
>At 11:59 PM 9/6/96 -0500, you wrote:
>
>>Well Paul there are ways to get gain antenna's that are compact
>enough to
>>easely fit in the confined space of an attic, a 3 or 4 element yagi
>would take

>>up very little room and would double or even tripple the range you
>get with a
>>omni antenna. The thing i'm saying there's always a way to fix the
>problem
>>other then 3 wides i think. Maybe that is the only way in some area's
>of the
>>country but i'm sure glad they don't use it here.
>
>That is true. Luckly I'm not in the situation. The only time WideX3
>is
>used here is if something very important needs to get out to a large
>area.
>
>After seeing Dale's javAPRS application in metro Atlanta, I can see
>why
>wideX3 would be a problem in land'o'big mountains.... and not small
>hills.
>
>Here to get 150 miles we have to direct our packets to at least 3
>digis, and
>sometimes 4. At night we can see alot of Florida but during the day
>we
>don't see Orlando much even.
>
>Also where the wides are located has a great deal to do with what you
>can
>and cannot do. Being on the west coast I can direct my packets easier
>than
>someone in Lakeland or Orlando who wants to go both ways across
>Florida. We
>don't hear the Orlando digi here frequently but we do hear Lakeland,
>Sarasota and Brooksville (and the deaf Tampa digi) so we can get
>around.
>Our network isn't busy by any stretch of the imagination though.
>Compared
>to AL/GA/TN we're pretty scarce really. Though from Key West up to
>Palm
>Beach they are a bit ahead of us in population of the APRS network.
>Still
>our usage isn't extremely high. yet.... maybe after the coming
>hamfests
>this year where APRS'ers will be promoting our favorite packet
>application!
>
>
>
>
>
>
>
>>
>>--
>>   Check out my A.P.R.S Web Page.

>>   Totally Devoted to APRS
>>   To go straight to the Mentor Page:
>>http://www.concentric.net/~wa8inz/NEWPAGE.HTM
>>   http://www.concentric.net/~wa8inz
>>
>>   \////
>>   (o o)
>>   *--o00-(_)-00o--*
>>   Bill WA8INZ
>>   wa8inz@cris.com
>>   wa8inz@amsat.org
>>
>>
>Paul E. Knupke, Jr.
>Largo, Florida
>Amateur Radio KR4YL
>
>

From kc4zgq@ix.netcom.com Sat Sep 07 17:01:21 1996
Received: from dfw-ix8.ix.netcom.com (dfw-ix8.ix.netcom.com [206.214.98.8]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA03365 for <aprssig@tapr.org>; Sat, 7
Sep 1996 17:01:16 -0500 (CDT)
Received: from (kc4zgq@mac-ga3-61.ix.netcom.com [198.211.139.125]) by dfw-
ix8.ix.netcom.com (8.6.13/8.6.12) with SMTP id PAA15154 for <aprssig@tapr.org>;
Sat, 7 Sep 1996 15:00:43 -0700
Date: Sat, 7 Sep 1996 15:00:43 -0700
Message-Id: <199609072200.PAA15154@dfw-ix8.ix.netcom.com>
From: kc4zgq@ix.netcom.com (JOHN F. KRAUS II)
Subject: test
To: aprssig@tapr.org

Just a short note to test the lag time from send to receive.
sent 1800 edt 9/7/96. I am getting the sig in digest mode and seem to
be losing my own posts.

73 john KC4ZGQ

From sguccion@outland.dtcc.edu Sat Sep 07 17:12:11 1996
Received: from outland.dtcc.edu (sguccion@outland.dtcc.edu [138.123.12.201]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA03972 for <aprssig@tapr.org>; Sat, 7
Sep 1996 17:12:08 -0500 (CDT)
Received: (from sguccion@localhost) by outland.dtcc.edu (8.6.11/8.6.11) id
SAA10337; Sat, 7 Sep 1996 18:11:56 -0400
Date: Sat, 7 Sep 1996 18:11:55 -0400 (EDT)
From: Dr Samuel Guccione <sguccion@outland.dtcc.edu>
X-Sender: sguccion@outland
To: Gerald J Creager <gerry@cs.tamu.edu>
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:4477] Re: Minuturization Efforts?
In-Reply-To: <199609062105.QAA04004@solar.cs.tamu.edu>
Message-ID: <Pine.SV4.3.91.960907180721.10228B@outland.dtcc.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I am working on a person portable tacker in the same vain as your Cows-In-Space project Gerry. Batteries are definiately teh problem. I wanted to have GPS running continuously and a 5 watt transmitter as well. The MIM with a GPS-20 and Maxon form the basis for my package. The MIM,20 and Maxon fit into a reasonably small box. The remainder of the space is taken up by two 12 volt 3 amp-hour batteries. One for the GPS/MIM and the other for the Maxon. This takes up three fourths of the space in the enclosure of my system. Your idea is the way to go to conserve battery power.
Sam K3BY

On Fri, 6 Sep 1996, Gerald J Creager wrote:

> robert sez:
> >
> >
> > Does anyone know if there are any efforts to miniturize a GPS
> > recevier, TNC, and transmitter into an extremely small package that
> > could be carried by a bird? No, I'm not crazy, please read on. In
> > addtion to being a Ham, I am also falconer. Telemetry is
> > currently used by falconers to locate lost birds so equipped. Use of
> > APRS for this purpose would be enormously more productive by an order of
> > magnitude!
>
> Having ruggedized a package that was placed on a herd of cows, I've some ideas
> about something like this.
>
> I think that, using a MIM module and a GPS, you sought to be able to get
> something started. You'd probably end up using something like a Motorola VP
> OnCore 8 channel receiver. It's a 5volt receiver, and talks TTL levels.
>
> Wasn't there something (Joe Argelo?) about a TNC (transmit only) and low power
> transmitter on a chip? That's another ideal application tool.
>
> The gotcha will be battery. I've done some work with that, and think you will
> have to develope some timing mechanism where the thing fires off every _n_
> minutes for _x_ minutes, and shuts back down. GPS receivers are power hogs.
>
> All in all, some of the miniturization issues are coming together. Trimble
> has GPS on a PCMCIA card, so it's pretty small. Motorola announced a GPS on a
> single monolithic chip about 18 months ago. Getting the data transmitted, as
> well as collaring the birds for the hardwre, plus power requirements, strike
> me as the challenges.
>
> 73, gerry
>
>

****
Dr. Sam Guccione Delaware Technical & Community College
302-741-2802   1832 North duPont Highway
ARS K3BY   Dover, DE 19901
****

From SKedney@aol.com Sat Sep 07 17:59:29 1996
Received: from emout08.mail.aol.com (emout08.mx.aol.com [198.81.11.23]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA06147 for <aprssig@tapr.org>; Sat, 7
Sep 1996 17:59:27 -0500 (CDT)
From: SKedney@aol.com
Received: by emout08.mail.aol.com (8.6.12/8.6.12) id SAA27736 for
aprssig@tapr.org; Sat, 7 Sep 1996 18:58:49 -0400
Date: Sat, 7 Sep 1996 18:58:49 -0400
Message-ID: <960907185848_517897888@emout08.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4294] NYC <>DC Mobile

NTS net on 147.300 Every day at 19:30 local no pl

Sean
N9EBJ

From ronald@cyberstreet.com Sat Sep 07 18:47:41 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA08291 for <aprssig@tapr.org>; Sat, 7
Sep 1996 18:47:39 -0500 (CDT)
Received: from ronald.cyberstreet.com ([207.30.55.37])
          by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)
          with SMTP id AAA200 for <aprssig@tapr.org>;
          Sat, 7 Sep 1996 19:51:12 -0400
Message-Id: <2.2.32.19960907235008.00717cf0@mail.cyberstreet.com>
X-Sender: ronald@mail.cyberstreet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 07 Sep 1996 19:50:08 -0400
To: aprssig@tapr.org
From: Ronald Oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSIG:4487] Dissapointed

At 12:58 AM 9/7/96 -0500, you wrote:
>Boy i am realy dissapointed in the lack of interest in helping others
>trying to get into APRS that may need some help with getting off to a
>good start. To many i think forget that they at one time or other have
>asked someone for help, but how quick we forget. I posted several
>messages asking for names to add to my dedicated APRS mentor page,
>Besides Bob Bruninga, Keith Sproul, there where 18 or so others that
>where good enough to come forward and say they would be glad to help a
>newcomer in need in their area. I see many messages about having meetings
>and get togethers, for what well i guess many drink beer so i think it

>would be better if it was called a beer party. Surely it's not to advance
>APRS because if that's what it was meant to do forget it. If those users
>aren't even willing to help someone just starting out in their own
>area what is such a meeting going to accomplish. I have dedicated, and
>worked hard on setting up a webpage just for APRS and to help those that
>need help, fellows that's the only way to make it grow in case you didn't
>know. It's not having a beer party that does that. I have decided that
>i'm fighting a loosing battle and will wipe my webpage off of the server
>since there doesn't seem to be much interest in that sort of thing.
>Instead i will devote it to something worth while. Thanks to those that
>did want to help.
>
>Bill Nolle
>--
>
>   \////
>   (o o)
>   *--o00-(_)-00o--*
>   Bill WA8INZ
>   wa8inz@cris.com
>   wa8inz@amsat.org
>
>
 Bill: Sleep on it for a night. You know how human nature works. Just try
 a different approach. Worth a try. Do not take your page off the net!! ron
73 cu Ron"KD4AMS"

From ldajz@epix.net Sat Sep 07 21:06:00 1996
Received: from epix.net (grape.epix.net [199.224.64.22]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA14192 for <aprssig@tapr.org>; Sat, 7 Sep 1996
21:05:54 -0500 (CDT)
Received: from 199.224.65.43 (clsm-65ppp43.epix.net [199.224.65.43]) by epix.net
(8.7.1/8.7.5) with SMTP id WAA28205 for <aprssig@tapr.org>; Sat, 7 Sep 1996
22:02:36 -0400 (EDT)
Message-ID: <3231F370.6EAE@epix.net>
Date: Sat, 07 Sep 1996 22:13:03 +0000
From: Lorie and/or Al Zelna <ldajz@epix.net>
X-Mailer: Mozilla 3.0 (Macintosh; I; 68K)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4415] Re: WIDE,WIDE,WIDE?
References: <322E82F9.604D@cris.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:
>
> I should be more tolerant, you realy mean not to voice my opinion right. If all
> i could do is sit here in front of my computer and watch vehicles moving around
> and couldn't keyboard as you are suggesting i would wipe APRS off of my system
> instantly. To each his own, but Steve you should be more tolerant about a person
> doing some keyboarding since that's one of the features many of the users in
> this area prefer to do. Sorry if my message upset you but it wasn't meant to.

> But i will continue to voice my opinion as the posting warrants. Not everyone
> will aggree. But hopefully this is a Free Speach Sig.

I firmly agree with a NEED to be able to keyboard with another user<<<<BUT>>>> the biggest problem I have seen is the users inability, or lack of interest, in changing UNPROTO paths FOR THE OCCASION.

An example UNPROTO of via N3ZZZ,WIDE,WIDE should be fine for a general beacon, but if a keyboarding opportunity occurs, the user should know how, and be willing to IMMEDIATELY shorten or alter their UNPROTO accordingly. When 73's are given, the UNPROTO could be changed back to a generic beacon format which is acceptable for that area.

"Technology is great... now let's learn how to use it".

Al Zelna, N3KAE

From n2czf@magg.net Sat Sep 07 22:28:49 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA17243 for <aprssig@tapr.org>; Sat, 7 Sep 1996 22:28:33 -0500 (CDT)
Received: from Cybergate (wpb-124.magg.net [205.218.112.124]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id XAA18883; Sat, 7 Sep 1996 23:28:26 -0400
Message-Id: <199609080328.XAA18883@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 07 Sep 1996 03:28:01 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:4485] Part 1B/4 APRS L3 (TexNet)

This was the one thing that I was always wondering about when APRS finally was going to go "backbone". I know it is a problem and Dale has some good ideas but....

Don't take this as being negative from here also but... (again) do we really think that some (many maybe most) of the APRS users could handle such a system. I don't want to be rough on anyone but the truth is that many of the users that I have spoken with or seen on the air have NO IDEA what a UI FRAME or UNPROTO path is! The majority of the ones that do are old timers like me that were on packet before anyone even dreamed of the word NODE, and BBS's were still run on TRS-80's!

Many now have learned that you set your UNPROTO to APRS VIA WIDE,WIDE,GATE,GATE,WIDE,WIDE or APRS VIA WIDE,WIDE,WIDE,WIDE that is why they get out. (PLEASE PEOPLE DO THIS BUT DO NOT DO THIS YOURSELF!) They have learned or seen this in use and now they use it but how many station that you know do understand that if you go WIDE,GATE and there is no WIDE you will never get to a GATE.Not because the GATE is too far, the GATE can be next door but because the path has been broken. Heck I have seen an awful

lot of people recently using RELAY,GATE and WIDE,GATE on HF. I think that unless someone comes up of a GREAT way of teaching everyone what is going on with UNPROTO paths and UI Frames that such a system will be way too difficult for many to comprehend. There may not be a better way than Dale's approach, or maybe there is but something has got to be done.

MAJOR Snip*****
>L3 APRS part 1B/4 (TexNet)

>From: KG5QD@aol.com
>Date: Thu, 29 Aug 1996 20:37:17 -0400
>To: morganb@admin.inetport.com
>Subject: Re: [APRSSIG:4135] APRS L3 Networking (TexNet)
>
>Seems to me the best way to interface the transport layer to APRS is to put
>the TEXNET or other L3 stuff in the Middle of the digi path- I E
>KG5QD>APRS,Wide,Wide,(Texnet input node name), (TexNet output Node),Wide
>,Wide:[data]
>Texnet node recognizes its call(or Name) in a <UI> frame - then encapsulates
>the
>Sending call along with the rest of the digi path after the TexNet output
>node call
>--and the data in the aprs packet-- in a standard ax.25 connected packet AS
>DATA--
>then on the other end the output TexNet Node strips the L3 stuff back off--
>bit shifts and all that stuff the Header left in the Data --and sends it on
>the aprs freq as a <UI>
>frame . The sending station has control over the path as far as the Aprs and
>will not care how the TexNet part gets there. The area where the packet
>orginated will see
>the packet digi-ed only as far as the input node call where the "sent Bit"
>will not be set so no more repeats.
>The packet can have up to 8 Digis- so this scheme would allow 3 on each end
>with
>2 for the L3 layer.
>Best of Luck on this project 73 de kg5qd Dale Marco Island Fl (U T Ex)
>
73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net (E-Mail)
http://www.magg.net/~n2czf (Personal)
http://www.magg.net/~n2czf/aprs.html (Florida APRS)
http://www.magg.net/~n2czf/brothers.html (Brothers to the Rescue Human Rights Group)

From michael@calweb.com Sat Sep 07 22:30:52 1996
Received: from mail.calweb.com (mail.calweb.com [165.90.138.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA17294 for <aprssig@tapr.org>; Sat, 7 Sep 1996 22:30:50 -0500 (CDT)
Received: from sac2-46.calweb.com (sac2-46.calweb.com account=michael [165.90.187.46]) by mail.calweb.com (8.7.5/8.7.3) with SMTP id UAA08804 for <aprssig@tapr.org>; Sat, 7 Sep 1996 20:24:13 -0700 (PDT)

Message-ID: <32323D9A.74AD@calweb.com>
Date: Sat, 07 Sep 1996 20:29:30 -0700
From: Mike Stickney <michael@calweb.com>
Organization: SacPackNet
X-Mailer: Mozilla 2.01 (Win95; I; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4504] Re: Dissapointed
References: <2.2.32.19960907235008.00717cf0@mail.cyberstreet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bill,

Great idea, needs some time. Post requests for Elmers on a periodic
basis. It'll fill up. Heck, I volunteer for just about everything, I
just don't think I'm experienced enough to offer advice. I'm sure a good
majority of listeners out there are in the same boat. Once I can answer
75% of the questions asked on this SIG, I'll send ya my name.

--
Mike Stickney   Mail: mailto:michael@calweb.com
KM6PX   Home: http://www.calweb.com/~michael
              Packet: km6px.#nocal.ca.usa.noam
                  IP: 44.2.0.132

From wa8inz@cris.com Sat Sep 07 22:44:32 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA17793 for <aprssig@tapr.org>; Sat, 7
Sep 1996 22:43:47 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id XAA15542; Sat, 7 Sep 1996 23:42:49 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80380.concentric.net [206.173.114.80])
     by cliff.cris.com (8.7.5)
     id XAA17702; Sat, 7 Sep 1996 23:43:29 -0400 (EDT)
Message-ID: <32325CDD.2975@cris.com>
Date: Sat, 07 Sep 1996 22:42:53 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4505] Re: WIDE,WIDE,WIDE?
References: <3231F370.6EAE@epix.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lorie and/or Al Zelna wrote:
> I firmly agree with a NEED to be able to keyboard with another
> user<<<<BUT>>>> the biggest problem I have seen is the users inability,

> or lack of interest, in changing UNPROTO paths FOR THE OCCASION.
>
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> beacon, but if a keyboarding opportunity occurs, the user should know
> how, and be willing to IMMEDIATELY shorten or alter their UNPROTO
> accordingly. When 73's are given, the UNPROTO could be changed back to
> a generic beacon format which is acceptable for that area.
>
> "Technology is great... now let's learn how to use it".
>
> Al Zelna, N3KAE

You are so right AL. Whenever i keyboard locally i use a path of None
whenever i see i can hear that user direct, if not i use the local digi
path only, also i make it a point to switch antenna's when needed, from a
simple Discone at 30 ft and 1 watt to my stacked 13B2's and 300watt. But i
have noticed this also that many users NEVER change their path. I see
messages coming out of Florida that where meant to stay local, and i'm as
far north as you can go in Alabama.

--
     Check out my A.P.R.S Web Page.
       Totally Devoted to APRS
   To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
    http://www.concentric.net/~wa8inz

                \////
                (o o)
           --o00-(_)-00o--
             Bill WA8INZ
           wa8inz@cris.com
           wa8inz@amsat.org

From michael@calweb.com Sun Sep 08 00:18:38 1996
Received: from mail.calweb.com (mail.calweb.com [165.90.138.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id AAA26659 for <aprssig@tapr.org>; Sun, 8 Sep 1996
00:18:36 -0500 (CDT)
Received: from sac2-46.calweb.com (sac2-46.calweb.com account=michael
[165.90.187.46]) by mail.calweb.com (8.7.5/8.7.3) with SMTP id UAA08483 for
<aprssig@tapr.org>; Sat, 7 Sep 1996 20:21:28 -0700 (PDT)
Message-ID: <32323CF5.3D78@calweb.com>
Date: Sat, 07 Sep 1996 20:26:45 -0700
From: Mike Stickney <michael@calweb.com>
Organization: SacPackNet
X-Mailer: Mozilla 2.01 (Win95; I; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4501] test
References: <199609072200.PAA15154@dfw-ix8.ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

JOHN F. KRAUS II wrote:
>
> Just a short note to test the lag time from send to receive.
> sent 1800 edt 9/7/96. I am getting the sig in digest mode and seem to
> be losing my own posts.
>
> 73 john KC4ZGQ

Not bad, I received it before you sent it... (West Coast)

--
Mike Stickney   Mail: mailto:michael@calweb.com
KM6PX   Home: http://www.calweb.com/~michael
              Packet: km6px.#nocal.ca.usa.noam
                  IP: 44.2.0.132

From wa8inz@cris.com Sun Sep 08 00:20:08 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA26730 for <aprssig@tapr.org>; Sun, 8
Sep 1996 00:20:04 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id BAA28410; Sun, 8 Sep 1996 01:19:19 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc000195.concentric.net [206.173.121.195])
     by cliff.cris.com (8.7.5)
     id BAA00930; Sun, 8 Sep 1996 01:11:25 -0400 (EDT)
Message-ID: <3232719B.4A22@cris.com>
Date: Sun, 08 Sep 1996 00:11:23 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4507] Re: Dissapointed
References: <32323D9A.74AD@calweb.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Stickney wrote:
>
> Hi Bill,
>
> Great idea, needs some time. Post requests for Elmers on a periodic
> basis. It'll fill up. Heck, I volunteer for just about everything, I
> just don't think I'm experienced enough to offer advice. I'm sure a good
> majority of listeners out there are in the same boat. Once I can answer
> 75% of the questions asked on this SIG, I'll send ya my name.
>
> --
> Mike Stickney   Mail: mailto:michael@calweb.com
> KM6PX   Home: http://www.calweb.com/~michael

>   Packet: km6px.#nocal.ca.usa.noam
>   IP: 44.2.0.132

Ok Mike, great to hear things like that. I have had many messages of
support so have decided to leave it up for a while longer to see if it does
any good or not. Yes you and others have convinced me that i may have been
jumping the gun because it does take a while to buildup something like that
i suppose. Again Thanks Mike, and all the other users that have sent
messages of support.
--
     Check out my A.P.R.S Web Page.
       Totally Devoted to APRS
   To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
    http://www.concentric.net/~wa8inz

                \////
                (o o)
           --o00-(_)-00o--
             Bill WA8INZ
           wa8inz@cris.com
           wa8inz@amsat.org

From aa7ya@juno.com Sun Sep 08 00:54:53 1996
Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA00409 for <aprssig@tapr.org>; Sun, 8
Sep 1996 00:54:49 -0500 (CDT)
From: aa7ya@juno.com
Received: (from aa7ya@juno.com) by x3.boston.juno.com (queuemail)
     id BAA16487; Sun, 08 Sep 1996 01:54:46 EDT
To: aprssig@tapr.org
Cc: aprssig@tapr.org
Subject: Re: [APRSSIG:4497] CHANGE EMAIL ADDRESS
Message-ID: <19960907.235225.5383.1.aa7ya@juno.com>
References: <960907120357_1175904706@emout14.mail.aol.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-2,4-18
Date: Sun, 08 Sep 1996 01:54:46 EDT

On Sat, 7 Sep 1996 11:13:39 -0500 (CDT) DDOBBINS@aol.com writes:

>Hi to the SIG. Due to non-availability of a local access number where
>I now live, I've had to change my e-mail address. For those of you who
have
>me in their address book, the new address is: ddobbins@juno.com.
>
>Thanks. Dave/WH6YC.

Hi Dave,

Is that effective after this message? I need to know, since I have
been keeping in touch with you for the PNW APRS happenings here
in my neck of the woods... I thought that I would send it to the SIG,

so that you would see this one way or another. I currently have your
AOL address in my address book... Please advise.

73 - Stacey

From james-m@ix.netcom.com Sun Sep 08 04:21:18 1996
Received: from dfw-ix9.ix.netcom.com (dfw-ix9.ix.netcom.com [206.214.98.9]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id EAA07752 for <aprssig@tapr.org>; Sun, 8
Sep 1996 04:21:16 -0500 (CDT)
Received: from #james-m (sav-ga1-16.ix.netcom.com [205.184.8.48]) by dfw-
ix9.ix.netcom.com (8.6.13/8.6.12) with ESMTP id CAA21082 for <aprssig@tapr.org>;
Sun, 8 Sep 1996 02:20:57 -0700
Message-Id: <199609080920.CAA21082@dfw-ix9.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: comments Version 77 aprs
Date: Sun, 8 Sep 1996 05:20:54 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Bob, I have noticed on version 7.7 that the mixed upper/lower case in the
Wx beacon

My station is showing the following after the normal location info
_289/000/T076/R000p000b0107h00g000U2k

I have also noted that no matter how you enter the beacon comments, it is
stored as uppercase characters..

Just a little think BOB, but maybe something you may want to fix before 77a
release..

Thanks
Don
AE4BR

From wa8inz@cris.com Sun Sep 08 05:36:31 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA09915 for <aprssig@tapr.org>; Sun, 8
Sep 1996 05:36:29 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id GAA02254; Sun, 8 Sep 1996 06:35:12 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc801141.concentric.net [206.83.64.141])
     by cliff.cris.com (8.7.5)
     id GAA22667; Sun, 8 Sep 1996 06:35:46 -0400 (EDT)

Message-ID: <3232BD7D.6856@cris.com>
Date: Sun, 08 Sep 1996 05:35:09 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4512] comments Version 77 aprs
References: <199609080920.CAA21082@dfw-ix9.ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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>
> I have also noted that no matter how you enter the beacon comments, it is
> stored as uppercase characters..
>
> Just a little think BOB, but maybe something you may want to fix before 77a
> release..
>
> Thanks
> Don
> AE4BR

Strange i have been running version 77 and haven't seen that problem. Maybe
system related.
--
     Check out my A.P.R.S Web Page.
       Totally Devoted to APRS
   To go straight to the Mentor Page:
http://www.concentric.net/~wa8inz/NEWPAGE.HTM
    http://www.concentric.net/~wa8inz

                \////
                (o o)
          --o00-(_)-00o--
            Bill WA8INZ
          wa8inz@cris.com
          wa8inz@amsat.org

From ad4bl@juno.com Sun Sep 08 05:54:18 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA10425 for <aprssig@tapr.org>; Sun, 8
Sep 1996 05:54:16 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)
     id GAA22777; Sun, 08 Sep 1996 06:54:04 EDT
To: aprssig@tapr.org

Date: Sun, 8 Sep 1996 06:34:31 CDT
Subject: Re: WIDE,WIDE,WIDE?
Message-ID: <19960908.055347.3406.1.ad4bl@juno.com>
References: <3231F370.6EAE@epix.net>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0,2-39,41,43,45,47-55
From: ad4bl@juno.com (Linda G Mullen)

On Sat, 7 Sep 1996 21:12:02 -0500 (CDT) Lorie and/or Al Zelna
<ldajz@epix.net> writes:
>William Nolle wrote:
>>
>> I should be more tolerant, you realy mean not to voice my opinion
>right. If all
>> i could do is sit here in front of my computer and watch vehicles
>moving around
>> and couldn't keyboard as you are suggesting i would wipe APRS off of
>my system
>> instantly. To each his own, but Steve you should be more tolerant
>about a person
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>users in
>> this area prefer to do. Sorry if my message upset you but it wasn't
>meant to.
>> But i will continue to voice my opinion as the posting warrants. Not
>everyone
>> will aggree. But hopefully this is a Free Speach Sig.

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>how, and be willing to IMMEDIATELY shorten or alter their UNPROTO
>accordingly. When 73's are given, the UNPROTO could be changed back
>to
>a generic beacon format which is acceptable for that area.
>
>"Technology is great... now let's learn how to use it".
>
>Al Zelna, N3KAE

The APRS program has a neat feature - it will store up to 10 different
digi paths,
using the Opps-Digi command...with 2-letter designators for each path.
When
using this method type in the callsign of the station you are sending to

followed
by the designator.   AB3XZY/AB [for example]. this makes it easy to
change
paths to the stations you are communicating with. Works great.

Linda Mullen AD4BL DEC East Panhandle District
Northern Florida Section
Email   ad4bl@juno.com   or ad4bl@beaches.net
Everything worth doing is scary

From wendysue@global2000.net Sun Sep 08 08:02:22 1996
Received: from mail.global2000.net (mail.global2000.net [198.69.121.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA14847 for <aprssig@tapr.org>; Sun, 8
Sep 1996 08:02:20 -0500 (CDT)
Received: from test.global2000.net (dialup-45.global2000.net [205.247.145.145]) by
mail.global2000.net (8.7.5/8.6.9) with SMTP id JAA21248 for <aprssig@tapr.org>;
Sun, 8 Sep 1996 09:02:15 -0400
Message-ID: <3232C3E0.21AC@global2000.net>
Date: Sun, 08 Sep 1996 09:02:24 -0400
From: John M Domblewski <wendysue@global2000.net>
Organization: Mobile Office Services
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4510] Re: Dissapointed
References: <3232719B.4A22@cris.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:
>

>
> Ok Mike, great to hear things like that. I have had many messages of
> support so have decided to leave it up for a while longer to see if it does
> any good or not. Yes you and others have convinced me that i may have been
> jumping the gun because it does take a while to buildup something like that
> i suppose. Again Thanks Mike, and all the other users that have sent
> messages of support.
> --
>   Check out my A.P.R.S Web Page.
>   Totally Devoted to APRS
>   To go straight to the Mentor Page:
> http://www.concentric.net/~wa8inz/NEWPAGE.HTM
>   http://www.concentric.net/~wa8inz
>
>   \////
>   (o o)
>   *--o00-(_)-00o--*
>   Bill WA8INZ
>   wa8inz@cris.com
>   wa8inz@amsat.org

Hi Bill

I think that newbi's like me will get up to speed and join the list. It (the list) should grow over time. I also believe that perhaps a post on the newsgroup rec.radio.amateur.digital.misc might help to get more people involved. Personally I would gage the success of your list buy how many people access and use it to get involved than by how many sign up to be Elmers. I think that the current lack of elmering is the biggest problem we as a group (amateur radio)have. so i would encourage all who can help to do so and I would certainly send you an "ATA BOY" for your efforts!!!

73 & keep up the good work!

John

From N2ZRC@gnn.com Sun Sep 08 09:05:43 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA17424 for <aprssig@tapr.org>; Sun, 8 Sep 1996 09:05:39 -0500 (CDT)
Received: from 8-228.client.gnn.com. (8-228.client.gnn.com [205.188.8.228]) by mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id KAA00784; Sun, 8 Sep 1996 10:04:58 -0400 (EDT)
Message-Id: <199609081404.KAA00784@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 08 Sep 1996 10:03:32
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Another 7.7 Bug?
Cc: help@paccomm.com

Hi Bob,

I think I've noticed a bug in APRS version 7.7 concerning my GPS position. I look at the screen first thing in the morning and find I've "grayed-out." This happens after I've been running APRS for several days (ie: it doesn't seem to happen every midnight) and I've tried to Alt-S-T(nc) to no avail.

I've also O(perations)-C(omms)-T(nc)'d to manually reset the TNC's parameters with the same result. While I'm in this screen, I see that APRS hasn't properly set the TNC's U(npro-to), as if it's truncating the information it's sending during the Alt-S-T(nc) I'd tried earler.

When this happens, APRS is not getting (or maybe it's not recognizing) the $GPGGA data from the TNC, as it's not transmitting a POSITion (either automatically by timer, or when I

press X(mit)-P(osition,)) nor is the F8 key getting (or, at the least, not displaying) that information.

I did not look at the P(ositions) screen to see when my last valid position string was sent (this was before I'd had my coffee,) so I don't know exactly when this happened, but I'll be sure to look (now that I'm twigged to it) next time.

System specifications:

Toshiba Satellite 105CS laptop computer
75 MHz Pentium processor
8 Mb EDO RAM
Windows 95 build 950a
(all the latest updates from Micro$oft's website)
APRS version 7.7 (with 1,925 maps ... getting there!)
PaccComm PicoPacket Firmware release 3.2.10 (5/29/96)
(dual-port, battery pack version)
Trimble S-Vee-Six GPS unit built into above TNC)

Oh, and I also noticed (this, I think, is unrelated to the above) the mouse (okay, that eraser-thing between the G, H & B keys) "coming back." I think (can't be sure) that it happened after a midnight had passed.

I hope the information above is sufficient. I'll try to see if there's anything I missed and advise you if I do. 73

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From theojkat@voicenet.com Sun Sep 08 09:31:54 1996
Received: from mail.voicenet.com (mail.voicenet.com [207.103.0.37]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA18453 for <aprssig@tapr.org>; Sun, 8 Sep 1996 09:31:52 -0500 (CDT)
Received: from eagle1 (philly258.voicenet.com [207.103.16.157]) by mail.voicenet.com (8.7.5/8.6.12) with SMTP id KAA14347 for <aprssig@tapr.org>; Sun, 8 Sep 1996 10:33:36 -0400 (EDT)
Message-Id: <1.5.4.32.19960908143038.0068d354@voicenet.com>
X-Sender: theojkat@voicenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 08 Sep 1996 10:30:38 -0400
To: aprssig@tapr.org
From: "Theodore J. Katz" <theojkat@voicenet.com>
Subject: Re: [APRSSIG:4345] Re: ACARS

I now have aprsair, I am trying to run it on a Toshiba 286 portable T3200.
The 3200 is a 286 with 4MB memory and a 20 MB disk. (a 1989 laptop).
I am using dos 6.22
I am running w/diskdbl.

Aprs run great no problems, with aprs air a get constant errors, the app
seems to be looking for a file called aprs.dat. I can't find this file and
see no way to generate it.
The eror is in the upper rt hand cor of the screen and writes over the
beocon message with aprs.dat bad.

tns again for any help.

Ted Katz N3OWM,Phila,Pa
tedk@formail.formation.com
theojkat@voicenet.com
n3owm@ke3cz.epa.pa.usa
40.01.05 N
75.03.75 W

From wa8inz@cris.com Sun Sep 08 09:57:27 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA19531 for <aprssig@tapr.org>; Sun, 8
Sep 1996 09:57:24 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id KAA25782; Sun, 8 Sep 1996 10:56:38 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc803204.concentric.net [206.173.114.204])
     by cliff.cris.com (8.7.5)
     id KAA11052; Sun, 8 Sep 1996 10:57:18 -0400 (EDT)
Message-ID: <3232FAE9.3107@cris.com>
Date: Sun, 08 Sep 1996 09:57:13 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4515] Re: Dissapointed
References: <3232C3E0.21AC@global2000.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John M Domblewski wrote:
>
> William Nolle wrote:
> >
>
> >
> > Ok Mike, great to hear things like that. I have had many messages of
> > support so have decided to leave it up for a while longer to see if it does
> > any good or not. Yes you and others have convinced me that i may have been

> > jumping the gun because it does take a while to buildup something like that
> > i suppose. Again Thanks Mike, and all the other users that have sent
> > messages of support.
> > --
> >   Check out my A.P.R.S Web Page.
> >   Totally Devoted to APRS
> >   To go straight to the Mentor Page:
> > http://www.concentric.net/~wa8inz/NEWPAGE.HTM
> >   http://www.concentric.net/~wa8inz
> >
> >   \////
> >   (o o)
> >   *--o00-(_)-00o--*
> >   Bill WA8INZ
> >   wa8inz@cris.com
> >   wa8inz@amsat.org
>
> Hi Bill
>
> I think that newbi's like me will get up to speed and join the list. It
> (the list) should grow over time. I also believe that perhaps a post
> on the newsgroup rec.radio.amateur.digital.misc might help to get more
> people involved. Personally I would gage the success of your list buy
> how many people access and use it to get involved than by how many sign
> up to be Elmers. I think that the current lack of elmering is the
> biggest problem we as a group (amateur radio)have. so i would encourage
> all who can help to do so and I would certainly send you an "ATA BOY"
> for your efforts!!!
>
> 73 & keep up the good work!
>
> John

Thanks John, your right of course and i will work on it! By the way updated
some of the pages and added a page that i'm working on for myself (Just in
case Hi). Check it out, it now starts with a menu screen.
--
                \////
                (0 0)
          --o0-(_)-0o--
          wa8inz@amsat.org
          wa8inz@cris.com
     Check out my A.P.R.S Web Page.
   THANKS TO THOSE MENTOR VOLENTEERS
  Also check out my WA8INZ Home page.

   http://www.concentric.net/~wa8inz

From ddoulou@gte.net Sun Sep 08 10:11:27 1996
Received: from mail.gte.net (mail.gte.net [206.124.64.251]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA20233 for <aprssig@tapr.org>; Sun, 8 Sep 1996
10:11:25 -0500 (CDT)
Received: from GTE/ (clw98004.gte.net [206.251.98.4]) by mail.gte.net

(951211.SGI.8.6.12.PATCH1042/950213.SGI.AUTOCF) via SMTP id KAA29628 for
<aprssig@tapr.org>; Sun, 8 Sep 1996 10:09:20 -0500
Message-ID: <3232E290.100D@gte.net>
Date: Sun, 08 Sep 1996 11:13:20 -0400
From: Demos Doulou <ddoulou@gte.net>
X-Mailer: Mozilla 3.0Gold (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4513] Re: comments Version 77 aprs
References: <3232BD7D.6856@cris.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:
>
> Don Murray wrote:
> >
> > Bob, I have noticed on version 7.7 that the mixed upper/lower case in the
> > Wx beacon
> >
> > My station is showing the following after the normal location info
> > _289/000/T076/R000p000b0107h00g000U2k
> >
> > I have also noted that no matter how you enter the beacon comments, it is
> > stored as uppercase characters..
> >

I too have that problem.

From ddobbins@juno.com Sun Sep 08 11:08:47 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA23195 for <aprssig@tapr.org>; Sun, 8
Sep 1996 11:08:44 -0500 (CDT)
Received: (from ddobbins@juno.com) by x11.boston.juno.com (queuemail)
     id MAA19999; Sun, 08 Sep 1996 12:08:41 EDT
To: aprssig@tapr.org
Date: Sun, 8 Sep 1996 09:01:08 PDT
Subject: Re: CHANGE EMAIL ADDRESS
Message-ID: <19960908.090756.4439.0.ddobbins@juno.com>
References: <19960907.235225.5383.1.aa7ya@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1
From: ddobbins@juno.com (David S Dobbins)

It's effective immediately, although I will continue to monitor my AOL
account for the meantime. Aloha, Dave.

From james-m@ix.netcom.com Sun Sep 08 13:02:15 1996
Received: from dfw-ix4.ix.netcom.com (dfw-ix4.ix.netcom.com [206.214.98.4]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA29290 for <aprssig@tapr.org>; Sun, 8
Sep 1996 13:02:12 -0500 (CDT)
Received: from #james-m (sav-ga2-03.ix.netcom.com [205.184.8.67]) by dfw-
ix4.ix.netcom.com (8.6.13/8.6.12) with ESMTP id LAA09455 for <aprssig@tapr.org>;

Sun, 8 Sep 1996 11:01:29 -0700
Message-Id: <199609081801.LAA09455@dfw-ix4.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4513] Re: comments Version 77 aprs
Date: Sun, 8 Sep 1996 14:00:02 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thanks Bill, I have checked everything, but will recheck to see if it is something I am doing wrong.. I have twice installed version 77 and this occurred both times.. Will take a closer look at it and see if I can figure out where I am screwing up..

Don

> From: William Nolle <wa8inz@cris.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:4513] Re: comments Version 77 aprs
> Date: Sunday, September 08, 1996 6:40 AM
>
> Don Murray wrote:
> >
> > Bob, I have noticed on version 7.7 that the mixed upper/lower case in the
> > Wx beacon
> >
> > My station is showing the following after the normal location info
> > _289/000/T076/R000p000b0107h00g000U2k
> >
> > I have also noted that no matter how you enter the beacon comments, it is
> > stored as uppercase characters..
> >
> > Just a little think BOB, but maybe something you may want to fix before 77a
> > release..
> >
> > Thanks
> > Don
> > AE4BR
>
> Strange i have been running version 77 and haven't seen that problem. Maybe
> system related.
> --
>   Check out my A.P.R.S Web Page.

>   Totally Devoted to APRS
>   To go straight to the Mentor Page:
> http://www.concentric.net/~wa8inz/NEWPAGE.HTM
>   http://www.concentric.net/~wa8inz
>
>   \////
>   (o o)
>   *--o00-(_)-00o--*
>   Bill WA8INZ
>   wa8inz@cris.com
>   wa8inz@amsat.org
>

From jagrelo@concentric.net Sun Sep 08 13:06:06 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA29613; Sun, 8 Sep 1996 13:05:59 -0500
(CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id OAA14302; Sun, 8 Sep 1996 14:05:14 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@concentric.net>
Received: from crc3.pop3.net (cnc059051.concentric.net [206.83.77.51])
     by cliff.cris.com (8.7.5)
     id OAA05509; Sun, 8 Sep 1996 14:05:50 -0400 (EDT)
Message-ID: <32333656.4624@concentric.net>
Date: Sun, 08 Sep 1996 14:10:46 -0700
From: Joe Agrelo <jagrelo@concentric.net>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org, winaprs@tapr.org
Subject: WinAPRS/TNC/GPS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi

I have been trying to get WinAPRS to work with my GPS-45 and TNC
together, but have been very unsucsessful. I can get the TNC to work ok
by itself or the GPS to work by itself, but never the two together. I
tried using the DFjr/MPA/GPS45 with a single PC port, if I open TNC
under settings that works fine, I can see the GPS data at the bottom of
the screen as it comes in also. If I try to open the GPS port while the
VHF TNC port is open, I get a COMM PORT warning and visa versa. I guess
the problem is that you can only open one port at a time, I even have
GPS & TNC set to auto open under APRS settings.

What am I doing wrong?

Thanks

73 De Joe N2OOC (new address & phone effective 8/15)

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            Agrelo Engineering
           Joe Agrelo/President
    P.O.Box 231 Pattersonville, NY 12137 USA
              ph (518)864-7551 effective 8/15
             fax (518)864-7553 "   "
        mailto:Jagrelo@cris.com
  WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
     based Doppler, talking products and RF.
   Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From gwells@nbn.net Sun Sep 08 18:34:00 1996
Received: from users.nbn.net (root@nbn.net [199.234.116.15]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA12440 for <aprssig@tapr.org>; Sun, 8 Sep 1996
18:33:57 -0500 (CDT)
Received: from default (access57.nbn.net [199.234.116.156]) by users.nbn.net
(8.6.12/8.6.9) with SMTP id TAA09864 for <aprssig@tapr.org>; Sun, 8 Sep 1996
19:31:51 -0400
Message-ID: <32335701.1D7@nbn.net>
Date: Sun, 08 Sep 1996 19:30:09 -0400
From: Gary Wells <gwells@nbn.net>
X-Mailer: Mozilla 2.02 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4512] comments Version 77 aprs
References: <199609080920.CAA21082@dfw-ix9.ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don Murray wrote:
>
> Bob, I have noticed on version 7.7 that the mixed upper/lower case in the
> Wx beacon
>
> My station is showing the following after the normal location info
> _289/000/T076/R000p000b0107h00g000U2k
>
> I have also noted that no matter how you enter the beacon comments, it is
> stored as uppercase characters..
>
> Just a little think BOB, but maybe something you may want to fix before 77a
> release..
>
> Thanks
> Don
> AE4BR

I have had the same problem. I have edited the cfig77.apr file (where
the becon text is stored) so I can get lower case becon text on the air.

Gary
N3HCP

From bruninga@nadn.navy.mil Sun Sep 08 20:12:34 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA16805 for <aprssig@tapr.org>; Sun, 8
Sep 1996 20:12:32 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id VAA19150; Sun, 8 Sep 1996 21:17:32 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 8 Sep 1996 21:17:31 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
cc: seal2cc@aol.com
Subject: Richmond found!
Message-ID: <Pine.GSO.3.95.960908211443.19077A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was visiting in RIchmond and ran in to KT4KE who is a new APRS user for
a week, and it seems that he is interested in spreading APRS in that area.
If we can get a DIGI up high in RIchmond, then not only will this finally
put APRS coverage over the I-95 corridore, but it may finally tie in
Norfolk, and N.Carolina in to the rest of the atlantic network! Welcome
chris... Oh, I will bne maing a Richomond map tonight after I read a few
HOURS of mail...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sun Sep 08 20:17:22 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA17102 for <aprssig@tapr.org>; Sun, 8
Sep 1996 20:17:20 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id VAA19274 for <aprssig@tapr.org>; Sun, 8 Sep 1996
21:22:21 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 8 Sep 1996 21:22:20 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: SPCL mode works!
Message-ID: <Pine.GSO.3.95.960908212052.19077B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

DOnt overlook using the ALT-SETUP-MODES-SPECIAL so that you can work an
emergency on frequency without having to see everything else...
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

---------- Forwarded message ----------

Date: Fri, 6 Sep 1996 14:56:54 PST
From: Joe Foor <kf4dys@juno.com>
To: wb4apr@amsat.org
Subject: Re: Bertha: lessons learned (long)

When the extra FRAN packets started showing up, I tried
your suggestion of using SPCL mode. It worked like a
charm. Thanks for the suggestion.

regards,
Joe

From bruninga@nadn.navy.mil Sun Sep 08 20:23:24 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA17523 for <aprssig@tapr.org>; Sun, 8
Sep 1996 20:23:22 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id VAA19517 for <aprssig@tapr.org>; Sun, 8 Sep 1996
21:28:22 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 8 Sep 1996 21:28:22 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Burned by PK-12 again!
Message-ID: <Pine.GSO.3.95.960908212224.19077C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Visiting a new station (also the 1st station on the air in a new city), I
drove to his DRIVEWAY and he still couldnt see me! We pulled our hair
out, and his rig would hear otehr stations but ignore my packets.

How soon we forget.....   I finally remembered that the stupid PK-12
(older version) does *NOT* display packets that it itself digipeats!
(Is this still true? How about other AEA products???)

So of course, his station had the alias of RELAY, and sicne he was the
only one in town, I was transmitting via RELAY...   ERGO the
PK-12 digipeated my packets but never passed them along to the PC!

I was in a rush to meet family committments, but we couldnt find the
command in the manuual before I had to leave. But ther is a command in
the PK-12 so that it will monitor packets that it digipeats, too bad it
defaults to OFF!!!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sun Sep 08 20:26:23 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA17606 for <aprssig@tapr.org>; Sun, 8
Sep 1996 20:26:21 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id VAA19695 for <aprssig@tapr.org>; Sun, 8 Sep 1996
21:31:21 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 8 Sep 1996 21:31:21 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4472] Minuturization Efforts?
In-Reply-To: <Pine.PCW.3.91.960906130108.6575B-100000@ppp_056.unm.edu>
Message-ID: <Pine.GSO.3.95.960908212855.19077D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Sep 1996, robert wrote:

> Does anyone know if there are any efforts to miniturize a GPS
> recevier, TNC, and transmitter into an extremely small package that
> could be carried by a bird?

APRSdos REPLY/COMMENT: You could make it about thes size of a pack of
cigarettes using off the shelf stuff. For enough $$$ you could do it the
size of a match box probably... But might be easier to use your existing
transmitters and then buy a buch of the automatic DF units and tie them
into APRS so you get an instant triangualted fix everytime the bird
transmitter pings...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From amirault@laraby.tiac.net Sun Sep 08 21:06:25 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA19892 for <aprssig@tapr.org>; Sun, 8 Sep 1996
21:06:23 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id
WAA21288; Sun, 8 Sep 1996 22:10:00 -0400
Date: Sun, 8 Sep 1996 22:10:00 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4505] Re: WIDE,WIDE,WIDE?
In-Reply-To: <3231F370.6EAE@epix.net>
Message-ID: <Pine.BSF.3.91.960908220522.21031B-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 7 Sep 1996, Lorie and/or Al Zelna wrote:
>
> I firmly agree with a NEED to be able to keyboard with another
> user<<<<BUT>>>> the biggest problem I have seen is the users inability,
> or lack of interest, in changing UNPROTO paths FOR THE OCCASION.
>
> An example UNPROTO of via N3ZZZ,WIDE,WIDE should be fine for a general
> beacon, but if a keyboarding opportunity occurs, the user should know

> how, and be willing to IMMEDIATELY shorten or alter their UNPROTO
(snip)

This thread has taken off in a COMPLETLY different direction from it
origination (I made the original post!)

Maybe I didn't say it clearly enough.....I repeat:

I see HF stations GATEing into my local area with MOSTLY Unproto paths
including WIDE,WIDE,WIDE.

I thought this was a NO NO. Why are HF stns doing this? (just because
they see EVERYONE else doing it?)

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From amirault@laraby.tiac.net Sun Sep 08 21:10:31 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA20104 for <aprssig@tapr.org>; Sun, 8 Sep 1996
21:10:26 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id
WAA21327; Sun, 8 Sep 1996 22:13:57 -0400
Date: Sun, 8 Sep 1996 22:13:57 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4513] Re: comments Version 77 aprs
In-Reply-To: <3232BD7D.6856@cris.com>
Message-ID: <Pine.BSF.3.91.960908221149.21031C-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Don Murray wrote:
> >
> > Bob, I have noticed on version 7.7 that the mixed upper/lower case in the
> > Wx beacon
> >
> > My station is showing the following after the normal location info
> > _289/000/T076/R000p000b0107h00g000U2k

(snip)

> Strange i have been running version 77 and haven't seen that problem. Maybe
> system related.

I HAVE noticed stations running 77 with the same format of WX data.
(still running 75 myself)

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From n8chb@tir.com Sun Sep 08 21:31:01 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9)

with ESMTP id VAA21289 for <aprssig@tapr.org>; Sun, 8 Sep 1996 21:30:59 -0500 (CDT)
Received: from n8chb.tir.com (an38liv.tir.com [205.218.84.40]) by tir.com (8.7.5/8.7) with SMTP id WAA17657 for <aprssig@tapr.org>; Sun, 8 Sep 1996 22:25:48 -0400 (EDT)
Message-ID: <3233E3AA.4055@tir.com>
Date: Mon, 09 Sep 1996 02:30:18 -0700
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4526] Burned by PK-12 again!
References: <Pine.GSO.3.95.960908212224.19077C-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>
> Visiting a new station (also the 1st station on the air in a new city), I
> drove to his DRIVEWAY and he still couldnt see me! We pulled our hair
> out, and his rig would hear otehr stations but ignore my packets.
>
> How soon we forget.....   I finally remembered that the stupid PK-12
> (older version) does *NOT* display packets that it itself digipeats!
> (Is this still true? How about other AEA products???)
>
> So of course, his station had the alias of RELAY, and sicne he was the
> only one in town, I was transmitting via RELAY...   ERGO the
> PK-12 digipeated my packets but never passed them along to the PC!
>
> I was in a rush to meet family committments, but we couldnt find the
> command in the manuual before I had to leave. But ther is a command in
> the PK-12 so that it will monitor packets that it digipeats, too bad it
> defaults to OFF!!!
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

==========
Bob,

I have a 88 card and a pk900 and don't believe they will print to the
screen digipeated packets.
All I see is my rig s red tx lamp go on. Not real cool!
If anyone does know how to do this please let me know?

73,

Roger n8chb

From rsellers@firecraker.com Sun Sep 08 21:43:21 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id VAA21926 for <aprssig@tapr.org>; Sun, 8 Sep 1996 21:43:17 -0500 (CDT)
Date: Sun, 8 Sep 1996 21:43:17 -0500 (CDT)
Message-Id: <199609090243.VAA21926@tapr.org>
X-ROUTED: Sun, 8 Sep 1996 21:43:32 -0500
Received: from RSELLERS [199.190.124.20] by rockford.com with smtp
     id BFCLALDG ; Sun, 8 Sep 1996 21:43:10 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4522] WinAPRS/TNC/GPS

>
>Hi
>
>I have been trying to get WinAPRS to work with my GPS-45 and TNC
>together, but have been very unsucsessful. I can get the TNC to work ok
>by itself or the GPS to work by itself, but never the two together. I
>tried using the DFjr/MPA/GPS45 with a single PC port, if I open TNC
>under settings that works fine, I can see the GPS data at the bottom of
>the screen as it comes in also. If I try to open the GPS port while the
>VHF TNC port is open, I get a COMM PORT warning and visa versa. I guess
>the problem is that you can only open one port at a time, I even have
>GPS & TNC set to auto open under APRS settings.
>
>What am I doing wrong?
>
>Thanks
>
>73 De Joe N2OOC (new address & phone effective 8/15)

  To my knowledge, the MPA or HSP switched dont work with the windows version of APRS(WinAPRS) yet. The only way I have gotten it to work is by having a 2nd serial port available. I think I remember hearing guys that have done it manually though. I had to buy a PCMCIA serial port card (about $130) to have a 2nd serial port. I can not get it to work with the MPA or Kantronics HSP or Paccom HSP. But the 2nd serial port worked fine.
   I don't think Keith and Mark have support yet active for a MPA or HSP.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From davidc@tbcnet.com Sun Sep 08 22:33:12 1996

Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA24890 for <aprssig@tapr.org>; Sun, 8 Sep 1996 22:33:09 -0500 (CDT)
Received: from [207.112.227.163] (davidc.tbcnet.com [207.112.227.163]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id WAA19962 for <aprssig@tapr.org>; Sun, 8 Sep 1996 22:33:09 -0500
Date: Sun, 8 Sep 1996 22:33:09 -0500
Message-Id: <199609090333.WAA19962@tbc1.tbcnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org
From: davidc@tbcnet.com (David Chesser)

Subject: ARRL Convention Announcement

NIAN (Northern Illinois APRS Network) will have booth space at the ARRL national Convention. See URL http://tbcnet.com/~davidc/aprs.html for details!

From jagrelo@concentric.net Sun Sep 08 22:52:48 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA26352 for <aprssig@tapr.org>; Sun, 8 Sep 1996 22:52:42 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id XAA21839; Sun, 8 Sep 1996 23:51:50 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@concentric.net>
Received: from crc3.pop3.net (cnc059051.concentric.net [206.83.77.51])
     by cliff.cris.com (8.7.5)
     id XAA14958; Sun, 8 Sep 1996 23:52:30 -0400 (EDT)
Message-ID: <3233BFD5.2F0@concentric.net>
Date: Sun, 08 Sep 1996 23:57:25 -0700
From: Joe Agrelo <jagrelo@concentric.net>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4531] Re: WinAPRS/TNC/GPS
References: <199609090243.VAA21926@tapr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger Sellers wrote:
>
> >
> >Hi
> >
> >I have been trying to get WinAPRS to work with my GPS-45 and TNC
> >together, but have been very unsucsessful. I can get the TNC to work ok
> >by itself or the GPS to work by itself, but never the two together. I

> >tried using the DFjr/MPA/GPS45 with a single PC port, if I open TNC
> >under settings that works fine, I can see the GPS data at the bottom of
> >the screen as it comes in also. If I try to open the GPS port while the
> >VHF TNC port is open, I get a COMM PORT warning and visa versa. I guess
> >the problem is that you can only open one port at a time, I even have
> >GPS & TNC set to auto open under APRS settings.
> >
> >What am I doing wrong?
> >
> >Thanks
> >
> >73 De Joe N2OOC (new address & phone effective 8/15)
>
> To my knowledge, the MPA or HSP switched dont work with the windows
> version of APRS(WinAPRS) yet. The only way I have gotten it to work is by
> having a 2nd serial port available. I think I remember hearing guys that
> have done it manually though. I had to buy a PCMCIA serial port card (about
> $130) to have a 2nd serial port. I can not get it to work with the MPA or
> Kantronics HSP or Paccom HSP. But the 2nd serial port worked fine.
> I don't think Keith and Mark have support yet active for a MPA or HSP.
>
> 73,
>
> Roger Sellers
> Amateur Radio: KB9LBU
> E-Mail Home: rsellers@rockford.com
> kb9lbu@juno.com
> E-Mail Work: rsellers@snds.com

Thanks Roger, I will see if I can find a PCMCIA serial port card for my
Compaq Aero.

73 De Joe N2OOC (new address & phone effective 8/15)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
  Agrelo Engineering
  Joe Agrelo/President
  P.O.Box 231 Pattersonville, NY 12137 USA
  ph (518)864-7551 effective 8/15
  fax (518)864-7553 " "
  mailto:Jagrelo@cris.com
  WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
  based Doppler, talking products and RF.
  Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From rsellers@firecraker.com Mon Sep 09 07:22:45 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA18687 for <aprssig@tapr.org>; Mon, 9 Sep 1996
07:22:39 -0500 (CDT)
Date: Mon, 9 Sep 1996 07:22:39 -0500 (CDT)
Message-Id: <199609091222.HAA18687@tapr.org>

X-ROUTED: Mon, 9 Sep 1996 07:22:44 -0500
Received: from RSELLERS [199.190.124.20] by rockford.com with smtp
     id AHBGBKBP ; Mon, 9 Sep 1996 07:22:26 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4533] Re: WinAPRS/TNC/GPS

>
>Roger Sellers wrote:
>>   To my knowledge, the MPA or HSP switched dont work with the windows
>> version of APRS(WinAPRS) yet. The only way I have gotten it to work is by
>> having a 2nd serial port available. I think I remember hearing guys that
>> have done it manually though. I had to buy a PCMCIA serial port card (about
>> $130) to have a 2nd serial port. I can not get it to work with the MPA or
>> Kantronics HSP or Paccom HSP. But the 2nd serial port worked fine.
>>   I don't think Keith and Mark have support yet active for a MPA or HSP.
>>
>
>
>Thanks Roger, I will see if I can find a PCMCIA serial port card for my
>Compaq Aero.
>
 If you need one, check mail order catalogs. I couldnt find one locally and
check 7-8 stores. I found them in most catalogs though. I've noticed prices
from $119 up.

73,
Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From w2hob@mosquito.com Mon Sep 09 08:40:05 1996
Received: from itchy.mosquito.com (itchy.mosquito.com [206.205.132.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA21588 for <aprssig@tapr.org>; Mon, 9 Sep 1996
08:40:03 -0500 (CDT)
Received: from dial1.mosquito.com (dial1.mosquito.com [206.205.132.30]) by
itchy.mosquito.com (8.7.5/8.6.12) with SMTP id JAA08063 for <aprssig@tapr.org>;
Mon, 9 Sep 1996 09:42:17 -0400 (EDT)
Date: Mon, 9 Sep 1996 09:42:17 -0400 (EDT)
Message-Id: <1.5.4.16.19960909093957.25d761f2@mosquito.com>
X-Sender: w2hob@mosquito.com (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org

From: Boyd Prestwood <w2hob@mosquito.com>
Subject: Re: [APRSSIG:4529] Re: comments Version 77 aprs

At 21:25 9/8/96 -0500, you wrote:
>> Don Murray wrote:
>> >
>> > Bob, I have noticed on version 7.7 that the mixed upper/lower case in the
>> > Wx beacon
>> >
>> > My station is showing the following after the normal location info
>> > _289/000/T076/R000p000b0107h00g000U2k
>
>(snip)
>
>> Strange i have been running version 77 and haven't seen that problem. Maybe
>> system related.
>
>I HAVE noticed stations running 77 with the same format of WX data.
>(still running 75 myself)
>
>Richard Amirault   N1JDU   Boston, Massachusetts USA
>amirault@tiac.net   "Go Fly A Kite"
>
>

W2HOB REPLY: Hi folks... check out line 205 in WX.TXT to find out about new
weather beacon formatting. It's almost always in the docs!

Have fun es 73 de Boyd
w2hob@mosquito.com (new adr)

Have fun es 73 de Boyd
w2hob@mosquito.com

From sproul@ap.org Mon Sep 09 08:49:23 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id IAA22111 for <aprssig@tapr.org>; Mon, 9 Sep 1996 08:49:20 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
     id JAA05386; Mon, 9 Sep 1996 09:44:28 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007805ae59ce1a4085@[165.1.27.20]>
In-Reply-To: <3233BFD5.2F0@concentric.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 9 Sep 1996 09:38:54 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:4533] Re: WinAPRS/TNC/GPS

>>   To my knowledge, the MPA or HSP switched dont work with the windows
>> version of APRS(WinAPRS) yet. The only way I have gotten it to work is by
>> having a 2nd serial port available. I think I remember hearing guys that
>> have done it manually though. I had to buy a PCMCIA serial port card (about
>> $130) to have a 2nd serial port. I can not get it to work with the MPA or
>> Kantronics HSP or Paccom HSP. But the 2nd serial port worked fine.
>>   I don't think Keith and Mark have support yet active for a MPA or HSP.
>>

WinAPRS does NOT currently support HSP mode, last week I FINALLY made some
progress and now can say that it should be completed in a few more weeks.
Keith is going to the ARRL convention this weekend and the DCC the next
weekend, so it will be after that.

Mark

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From jratchf@bulldog.afsc.k12.ar.us Mon Sep 09 08:50:23 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA22140 for <aprssig@tapr.org>; Mon, 9 Sep 1996
08:50:19 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us
[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA13396
for <aprssig@tapr.org>; Mon, 9 Sep 1996 08:50:10 -0500
Message-Id: <199609091350.IAA13396@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4525] SPCL mode works!
Date: Mon, 9 Sep 1996 08:23:30 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Would it be possible to add ALT-SETUP-MODE-SKYWARN? It was suggested (on
this sig) that we should set-up our own freq. Well, here in "hillbilly"
Arkansas that's not feasible or financially possible. (I know a few hams
around that still use "outdoor" pumbing! Needless to say that they also
use batteries!) I haven't looked but there may already be a WX modea but
that is fine for everyday weather monitoring. I'm suggesting a specific
SKYWARN for use in hurricans, tornados and such. Suggestions Please?

BTW, thanks for the replies to the "other" message! (Axuse de spell'n, I
iz edumecated in Arkysaw)
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

> From: Bob Bruninga <bruninga@nadn.navy.mil>
> To: aprssig@tapr.org
> Subject: [APRSSIG:4525] SPCL mode works!
> Date: Sunday, September 08, 1996 8:35 PM
>
> DOnt overlook using the ALT-SETUP-MODES-SPECIAL so that you can work an
> emergency on frequency without having to see everything else...
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
> ---------- Forwarded message ----------
> Date: Fri, 6 Sep 1996 14:56:54 PST
> From: Joe Foor <kf4dys@juno.com>
> To: wb4apr@amsat.org
> Subject: Re: Bertha: lessons learned (long)
>
> When the extra FRAN packets started showing up, I tried
> your suggestion of using SPCL mode. It worked like a
> charm. Thanks for the suggestion.
>
> regards,
> Joe

From jratchf@bulldog.afsc.k12.ar.us Mon Sep 09 08:50:24 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA22141 for <aprssig@tapr.org>; Mon, 9 Sep 1996
08:50:20 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us
[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA13393
for <aprssig@tapr.org>; Mon, 9 Sep 1996 08:50:08 -0500
Message-Id: <199609091350.IAA13393@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4505] Re: WIDE,WIDE,WIDE?
Date: Mon, 9 Sep 1996 08:10:53 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> An example UNPROTO of via N3ZZZ,WIDE,WIDE should be fine for a general
> Al Zelna, N3KAE

Wait a min! Not being critical of you, Al. But, shouldn't that be
WIDE,WIDE,N3ZZZ? Or have I got it backasswards?
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From bruninga@nadn.navy.mil Mon Sep 09 08:50:50 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA22207 for <aprssig@tapr.org>; Mon, 9
Sep 1996 08:50:48 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id JAA01135 for <aprssig@tapr.org>; Mon, 9 Sep 1996
09:55:48 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 9 Sep 1996 09:55:48 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4502] Re: Minuturization Efforts?
In-Reply-To: <Pine.SV4.3.91.960907180721.10228B@outland.dtcc.edu>
Message-ID: <Pine.GSO.3.95.960909095344.26546F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 7 Sep 1996, Dr Samuel Guccione wrote:

> I am working on a person portable tacker in the same vain as your
> Cows-In-Space project Gerry. Batteries are definiately teh problem. I
> wanted to have GPS running continuously and a 5 watt transmitter as
> well.

APRSdos REPLY/COMMENT: For stolen item recovery or logistics tracking of
some objects, we have discussed making a MIM that will power up the GPS
only once a day to get a new fix, but it will transmit its posit once an
hour. It could run for a year on one set of D Cells... A month on AA
cells.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Mon Sep 09 09:13:13 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA22763 for <aprssig@tapr.org>; Mon, 9
Sep 1996 09:13:10 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA07169 for <aprssig@tapr.org>; Mon, 9 Sep 1996
10:18:11 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 9 Sep 1996 10:18:10 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4512] comments Version 77 aprs
In-Reply-To: <199609080920.CAA21082@dfw-ix9.ix.netcom.com>
Message-ID: <Pine.GSO.3.95.960909101629.26546L-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 8 Sep 1996, Don Murray wrote:

> I have noticed on ver 7.7 mixed upper/lower case in the Wx beacon
> My station is showing the following after the normal location info
> _289/000/T076/R000p000b0107h00g000U2k
>
> I have also noted that no matter how you enter the beacon comments, it is
> stored as uppercase characters..

APRSdos REPLY/COMMENT: That is the new WX format. Lower case separators
to make room for a 4 digit baro and the wind GUST field...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From jratchf@bulldog.afsc.k12.ar.us Mon Sep 09 11:37:50 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA01571 for <aprssig@tapr.org>; Mon, 9 Sep 1996
11:37:45 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip3.afsc.k12.ar.us
[170.211.157.177]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id LAA15864;
Mon, 9 Sep 1996 11:37:41 -0500
Message-Id: <199609091637.LAA15864@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Cc: "Jim Duncan" <ku0g@sprynet.com>, "Bob Bruninga" <wb4apr@amsat.org>
Subject: APRS SKYWARN
Date: Mon, 9 Sep 1996 11:36:35 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Please allow me to push this issue once again! Here in Arkansas we have a
broken down SKYWARN (Voice)Net. It all started out with good intensions
and actually worked for a while. However, it has ended up with disasterous
results. Skywarn storm spotters have been unable to report to the NWS
which either directly or indirectly resulted in deaths due to lack of
"public warnings". This is fact.

As an engineer, I can't stand to see a problem unresolved, such as this,
and feel it is our duty to solve this or drop the SKYWARN Net all

together. The latter in not feasable so we must try to find a solution. I am proposing the APRS system for the following reasons:

IDEA: The SKYWARN Voice Net began two years ago as an idea that if you installed a two meter radio in the NWS office and gave them the control codes to a Central Net Control (CNC) repeater, which connects to any other 2m repeater in Ark, then they could advise and receive reports as needed.

PROBLEM: The NWS would connect to more than one repeater (in most cases not by choice but by design) which caused numerous crashes on the net as well as "unwanted" (I'll get to that in a min.) control by the CNC. "Unwanted" was the term used by a club which was unable to disconnect the repeater from the net when the storm had past and was "forced to listen to the damn thing" as the storms continued across the state. (NOTE: The CNC at one time stated that each repeater could be dropped at the will and pleasure of the owners. Which didn't happen. So, this was a legit complaint.) As it turned out the CNC repeater was privately owned and the owner shut it down after the above mentioned statment.
POSSIBLE SOLUTION: Just about every club here runs its own Emergency Net either through the local repeater and/or via local packet. Many are run through the local EC. The NWS continues today to train and have weather spotters courses all around the state. They continue to rely on hams (not as an "official" SKYWARN net) to spot storms, mainly in a local area around Little Rock. The NWS wishes to find a solution to the SKYWARN problem as quickly as possible. Enter APRS. I am to meet with the NWS in Little Rock to work out a packet solution. APRS will be my proposed backbone to the solution. It has already recieved a warm welcome by the NWS and many clubs around the state. However, again the problem arises about net crashes, control and activation.
QUESTIONS:
1. Is it possible to add to APRS a special mode called SKYWARN?
2. Is it possible to have a APRS SKYWARN NET remotely activated? In other words, the NWS calls a net by sending an activation code which in turn causes each station to report weather conditions automatically to the NWS.
3. Would all this need to be on a structured system such as the TexNet?

In part this is both a proposal and a fact gathering message. It could also be a basis for a siminar or workshop that can be held at a convention, such as an mid-america APRS convention if we have one!

I welcome all constructive comments and suggestions and realize that some if not most are not interested. And that I can understand and appreciate. However, please understand that this is a serious problem here and can be as much elsewhere. "nuff said"

73 and thanks in advance,
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From morganb@admin.inetport.com Mon Sep 09 11:53:19 1996
Received: from admin.inetport.com (root@inetport.com [206.64.12.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA02098 for <aprssig@tapr.org>; Mon, 9 Sep 1996 11:53:16 -0500 (CDT)
Received: from mail.inetport.com (md5.inetport.com [206.64.12.25]) by admin.inetport.com (8.7.5/8.7.3) with SMTP id LAA01193 for <aprssig@tapr.org>; Mon, 9 Sep 1996 11:55:28 -0500
Date: Mon, 9 Sep 1996 11:55:28 -0500
Message-Id: <199609091655.LAA01193@admin.inetport.com>
X-Sender: morganb@inetport.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: morganb@admin.inetport.com (Robert B. Morgan)
Subject: Update APRS L3 (TexNet)

Well, here's where we stand with the L3 investigation: I had given up trying to get the part 1A of last week's dissertation to post on the SIG. I checked with Greg Jones, he advised uploading to the aprssig/upload area. I spent a couple of hours tinkering with that unsuccessfully, so until I figure THAT job out, I may ship the whole thing to one of the locals who offered to stick it on a webpage of his (Lansing, KB5USG), and also e-mail part 1A to whoever individually requested it. I haven't the foggiest notion why it won't go onto the sig, but assume it is content related. I originally wanted to post it all as one work, but the sig appears to be keeping me from doing it without fragmenting it up anyway. Filesize is now less than the others that did post. Look for that later on in a day or so....

One matter has come up that I think is worthwhile discussing-

I think that Bob Bruniga may have just highly simplified the possible nightmares of network UI broadcast transporting, by boiling the requirements down to the following simple list. If indeed the requirements fit this concept, it looks entirely feasible. Read on...

Per Bob Bruniga:

>> There may be cases it may be desired to "broadcast" to more
>> than one destination node....
>
>*** APR REPLY: This is needed and is a challenge. I think it can be
>simplified to just a few possibilities:
>   1) PRESENT NODE (I think that all nodes should digi the original
>   packet to others in the local area as a matter of routine)
>   2) LOCAL AREA: It is broadcast to all adjacent NODES (one hop)
>   3) WIDE AREA: It is broadcast out two hops in all directions
>   4) EMERGENCY: THis is only possible via SYSOP. GOes everywhere
>Anything beyond the WIDE AREA should use a directed packet to a given
>node, such as the state EOC or something like that...

With TexNet, this might be pretty feasible. I am pleased to say that item (4) was implemented in 1995 under vers 1.72 and later. It is hardcoded to send a UI to address of WX from an address of ARES on all ports of all nodes of the network (there is a provision for a state line or region partition). It does require SYSOP permission on the network, meaning of course that one must CONNECT to the network to use it. It also is triggered on an automated basis by the saving of a NWS special (unscheduled) product message on the weather server that is a part of the network (presently active from Tulsa on the OK-AR-MO partition of TexNet), where the I-field is the heading of the message. For the manually initiated version it is whatever the person types at the keyboard following the command. The UI prefixes the bell character and a c/r to that line when broadcasting it. Someone that wants to monitor these may set his Budlist to capture them on address ARES (note: that's ARES not APRS). The internal broadcast mechanism of TexNet is used to spread them throughout the network, and under some combinations of routing throughout a network containing loops they may be duplicated once or more times, although some of the loops have propagation filters to prevent certain directions of broadcasts. Since it is a connected network datagram within the network, it is not subject to being lost as a UI would be. It does not become a UI until it is sent off the individual local ports. It is not checking for a minimum of free memory, it sends it unless absolutely choked.

The severe weather watch/warning broadcasts on the OK/AR/MO portion of TexNet have been taking place for a little over a year now. I don't think anyone has yet made use of the manual input method. I got curious over the weekend and tested it real late one night, from AUSTIN, asking for anyone monitoring to leave me a message. Someone in LUBBOCK responded, and reported he happened to see both trials. Entirely no advance planning, all spontaneous.

I think that will meet most of the requirements of (4), but might need some tuning, and I am open to some comments. In particular I am interested in the from/to callsigns of the UI and do we need maybe one "WIDE" on the tail end, also should the bell char be moved to the end of the line or next line so as not to confuse APRS parsing, etc... It still needs to be compatible with the dumb-terminal user in an EOC monitoring for civil emergency type stuff. Do we need one format for ARES and another for APRS? Is it even applicable to APRS, requiring a connection and establishment of permissions (user has to respond from a code-table) ?

Item (1), just digipeating as a matter of routine, should come along with the process.

Items (2) and (3) appear feasible. There is a hopcounting process inherent in the broadcast routing process, and it should be feasible to preset a maximum hopcount that will cause the termination of these broadcasts. It probably wouldn't be effective until all of the nodes firmware were updated, but it would act in the interim to allow the propagation to continue to expand.

One comment I might need is to have some suggestion as to how to
trigger the variable nature of the range. I presume it could be done
with SSID's, and I assume that one will use a predetermined and unique
address in a digi field to trigger it to begin with. Maybe a NWIDE-x
or NFLOOD-x might be appropriate, where -x is an SSID representing
a hop radius? Here NWIDE/NFLOOD represent network-wide, etc.
Again, I would need to have some sort of I-field checksum protection on
duplicates, and minimum free memory acceptance checks. The radius ssid -x
would probably take on valid values of -1 to maybe up to -3 or so, and
-0 (default blank) would probably assume a radius of 1. Or maybe we
could use the same trigger ID for all functions, and ssid -0 means no radius,
just local repeat? Comments?

Here again, I ought to remind everyone of one basic constraint to
which all the ideas are subject: little codespace. Still, I think it
is worthwhile discussing, and I think something will come of it.

TPRS has an upcoming conference this fall in Austin, which we sponsor
every year or so. It deals with technical issues on Packet and TexNet
within TPRS, as opposed to beginners packet seminars, and I suspect
that the APRS stuff might be a topic on the agenda. Tentative
date I think is set for Nov 9. (That already conflicts with the local SET
and the monthly foxhunt, but I think our options were limited).

73 de Bob
WB5AOH
Robert Morgan
Austin Texas
morganb@admin.inetport.com

From dkaszubski@why.net Mon Sep 09 12:39:15 1996
Received: from where.why.net (where.why.net [205.240.252.21]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA03859 for <aprssig@tapr.org>; Mon, 9 Sep 1996
12:39:14 -0500 (CDT)
Received: from 2.liv1.arl.why.net ([206.160.169.136]) by where.why.net
          (post.office MTA v2.0 0813 ID# 0-11525) with SMTP id AAA494
          for <aprssig@tapr.org>; Mon, 9 Sep 1996 12:38:02 -0500
Message-ID: <32347235.2E86@why.net>
Date: Mon, 09 Sep 1996 12:38:29 -0700
From: dkaszubski@why.net (dkaszubski)
Organization: The Why? Network
X-Mailer: Mozilla 2.02 (Win95; I; 16bit)
MIME-Version: 1.0
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: Rock Bound GATE Radio
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After months being frustrated and seeing only 6 or 8 APRS stations on my
map in the Dallas/Fort Worth area, I decided to put up an HF/VHF gateway
at my home in Benbrook. WOW! What a difference. I now see 75 to 80
stations all over the country and beyond. Hopefully, everyone else in

the area will see the same thing on 145.79Mhz and this may spawn more
APRS activity.

BUT: This means dedicating an expensive HF radio to be locked on one
frequency most of the time. Not my idea of fun. So, after scrounging
around a bit, I came across an old Motorola rock bound hf rig that
appears to be based on the Micor series. Unfortunately, since it was in
commercial service, it only operates on USB, even though it has crystals
for frequencies below 14 Mhz. After reading the DosAPRS docs, it appears
this won't be a problem, just crystal it up for 10.1493Mhz USB and it
should work fine with the KAM currently in service.

Questions:
1. Is this frequency a correct assumption?
2. Does anybody know any tricks to tuning up this rig?
3. Any experience with crystal companies for this setup? (I usually deal
   with Intenational Crystal out of Oklahoma)

Any comments or suggestions would be appreciated.

--
Dave Kaszubski   WB3FYV
dkaszubski@why.net   also: ustuia6v@ibmmail.com
Benbrook, Texas N 32 40.319'   W 097 26.844'

President of the   Texas Utilities Amateur Radio Club,
                         Comanche Peak Chapter
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society
Still experimenting with APRS...
http://users.why.net/dkaszubski/

From jleonard@tbcnet.com Mon Sep 09 13:41:32 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA07010 for <aprssig@tapr.org>; Mon, 9 Sep 1996
13:41:31 -0500 (CDT)
Received: from PR151.tbcnet.com (PR151.tbcnet.com [207.112.227.51]) by
tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id NAA32064 for <aprssig@tapr.org>; Mon, 9
Sep 1996 13:41:31 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR151.tbcnet.com [207.112.227.51]
didn't use HELO protocol
Message-Id: <1.5.4.32.19960909184110.006c80c4@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 09 Sep 1996 13:41:10 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:4541] APRS SKYWARN

At 11:48 9/9/96 -0500, you wrote:
>Please allow me to push this issue once again! Here in Arkansas we have a
>broken down SKYWARN (Voice)Net. It all started out with good intensions

>and actually worked for a while. However, it has ended up with disasterous
>results. Skywarn storm spotters have been unable to report to the NWS
>which either directly or indirectly resulted in deaths due to lack of
>"public warnings". This is fact.

On this topic, is it fair to suggest that the APRS/WX/Skywarn capabilities
be separated from the APRS/GPS group. Not so much on a different freq., but
perhaps as a separate body?

After all, the APRS/WinAPRS/MacAPRS programs provide for a good tool for
both interests, but there seems to be enuf diversity within the overall
program to justify a separate WX/Skywarn group.

Just a thot.

jbl

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
American Red Cross Disaster Services - DeKalb Co Chapter
DR444 DR157

From bruninga@nadn.navy.mil Mon Sep 09 13:42:20 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA07062 for <aprssig@tapr.org>; Mon, 9
Sep 1996 13:42:13 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id OAA23508; Mon, 9 Sep 1996 14:46:58 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 9 Sep 1996 14:46:57 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "Robert B. Morgan" <morganb@admin.inetport.com>
cc: aprssig@tapr.org

Subject: Re: [APRSSIG:4542] Update APRS L3 (TexNet)
In-Reply-To: <199609091655.LAA01193@admin.inetport.com>
Message-ID: <Pine.GSO.3.95.960909144336.17062C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, I think using the SSID as a hop counter makes sense. I have been
proposing the WIDE-N algorithm for almost 2 years now where -N is the op
counter up to 7 and then becomes a routing indicator 8 and above. But I
have always maintained that the DIGI code should allow the user
specification of this CALLSIGN. APRS would probably use "WIDE" as the
default, but you could also use TEXNET-N or any other netname and this
would be a callsign that TEXNET's would do what-ever with...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Mon Sep 09 13:46:25 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA07210 for <aprssig@tapr.org>; Mon, 9 Sep 1996 13:46:23 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id OAA24252; Mon, 9 Sep 1996 14:51:19 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 9 Sep 1996 14:51:17 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: dkaszubski <dkaszubski@why.net>
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:4543] Rock Bound GATE Radio
In-Reply-To: <32347235.2E86@why.net>
Message-ID: <Pine.GSO.3.95.960909144812.17062D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It depends on the audio tones of your KAM! If it is an old KAM that uses 1600 and 1800 hz tones (1700 center) then subtract 2 * 1700 or 3400 HZ to get the USB. If it uses the new 2100 hz tones, then subtract 4200 Hz.

I have been trying to talk TEN-TEC into making a single freq HF radio just ofr packet. THey are interested if the demand is high. CALL TEN TEC! and ask to speak to their marketing manager...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From garnold@naples.net Mon Sep 09 14:21:21 1996
Received: from gator.naples.net (root@gator.naples.net [205.160.191.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA09149 for <aprssig@tapr.org>; Mon, 9 Sep 1996 14:21:20 -0500 (CDT)
Received: from port46.annex1.naples.net (port46.annex1.naples.net [205.160.191.142]) by gator.naples.net (8.7.3/8.6.12) with SMTP id PAA06290 for <aprssig@tapr.org>; Mon, 9 Sep 1996 15:24:37 -0400 (EDT)
Message-ID: <3234D0C7.12E7@naples.net>
Date: Mon, 09 Sep 1996 19:21:59 -0700
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4513] Re: comments Version 77 aprs
References: <3232BD7D.6856@cris.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:
>
> Don Murray wrote:

> >
> > Bob, I have noticed on version 7.7 that the mixed upper/lower case in the
> > Wx beacon
> >
> > My station is showing the following after the normal location info
> > _289/000/T076/R000p000b0107h00g000U2k
> >
> > I have also noted that no matter how you enter the beacon comments, it is
> > stored as uppercase characters..
> >
> > Just a little think BOB, but maybe something you may want to fix before 77a
> > release..
> >
> > Thanks
> > Don
> > AE4BR
>
> Strange i have been running version 77 and haven't seen that problem. Maybe
> system related.
> --
>   Check out my A.P.R.S Web Page.
>   Totally Devoted to APRS
>   To go straight to the Mentor Page:
> http://www.concentric.net/~wa8inz/NEWPAGE.HTM
>   http://www.concentric.net/~wa8inz
>
>   \////
>   (o o)
>   *--o00-(_)-00o--*
>   Bill WA8INZ
>   wa8inz@cris.com
>   wa8inz@amsat.org

All caps here...all computers tried...
73,
Gary

--

Gary Arnold CEM
Coordinator, Collier County (FL) Emergency Management
garnold@naples.net
76656.2753@compuserve.com
[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "http://www.naples.net/govern/county/emrgmgt/zccem1.htm"
Personal page: "http://www.naples.net/govern/county/emrgmgt/garnold.htm"

"I went to a restaurant that serves 'breakfast at any time'. I ordered
French Toast during the Renaissance."
           -- Steven Wright, perpipheral visionary

From Paul_Moller@csg.mot.com Mon Sep 09 14:28:28 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA09340 for <aprssig@tapr.org>; Mon, 9 Sep 1996 14:28:26 -0500 (CDT)
Received: from pobox.mot.com (pobox.mot.com [129.188.137.100]) by motgate2.mot.com (8.7.3/8.6.10/MOT-3.8) with ESMTP id TAA16091 for <aprssig@tapr.org>; Mon, 9 Sep 1996 19:24:19 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by pobox.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id OAA03585 for <aprssig@tapr.org>; Mon, 9 Sep 1996 14:27:46 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id JAA19618 for <aprssig@tapr.org>; Mon, 9 Sep 1996 09:28:17 -0500
Message-Id: <3.0b15.32.19960909143101.006e17b4@144.188.134.33>
X-Sender: mollpj@144.188.134.33
Disposition-Notification-To: <Paul_Moller@csg.mot.com>
X-Mailer: Windows Eudora Pro Version 3.0b15 (32)
Date: Mon, 09 Sep 1996 14:31:03 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: Re: [APRSSIG:4543] Rock Bound GATE Radio
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Don't order those crystals just yet. 10.1493 Mhz is the "proper" freq for 30 m aprs alright, proper for the average of the mark and space (1600/1800 or is it 1800/1600 hz) tones. When using a KAM+, the radio is usually dialed to 10.1510 Mhz LSB, which then puts the average of the two tones on 10.1510 - 0.0017 = 10.1493 Mhz. I believe the KAM+ has the ability to interchange mark and space by issuing a command, thus it should be possible to put the radio on 10.1493 - 0.0017 = 10.1476 Mhz USB. If you want I can try this at home tonight and let you know if it works. Has anybody done this?

By the way, radios that are of recent enough age so as to not allow "out of band" TX, will give you a problem when pressed into 30 aprs service. This is because the radio dial says 10.151 which of course is 1Khz out of band, and it will not TX. A simple "MARS" modification can fix that.

At 12:51 PM 9/9/96 -0500, you wrote:
.> After reading the DosAPRS docs, it appears
>this won't be a problem, just crystal it up for 10.1493Mhz USB and it
>should work fine with the KAM currently in service.
>
>Questions:
>1. Is this frequency a correct assumption?
Paul, WD9ABE

From bruninga@nadn.navy.mil Mon Sep 09 16:15:24 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA13447 for <aprssig@tapr.org>; Mon, 9 Sep 1996 16:15:22 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id RAA15962 for <aprssig@tapr.org>; Mon, 9 Sep 1996

17:20:07 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 9 Sep 1996 17:20:07 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS77a.zip
Message-ID: <Pine.GSO.3.95.960909171754.15798A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just posted aprs77a.zip and the upgrade files 77to77a and 76to77a.zip

These fix several of the recent problems, but it does not yet contain the
code to support the WeatherMAX weather instrument. I got no feedback that
anyone was using this WX station so I wanted to go ahead with 77a anyway.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From sdimse@bridge.net Mon Sep 09 16:15:49 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA13488 for <aprssig@tapr.org>; Mon, 9 Sep 1996
16:15:45 -0500 (CDT)
Received: from (ppp-mia4-144.bridge.net [204.253.4.144]) by bridge.net
(8.7.5/8.7.3) with SMTP id RAA09594 for <aprssig@tapr.org>; Mon, 9 Sep 1996
17:12:31 -0400 (EDT)
Message-Id: <199609092112.RAA09594@bridge.net>
Subject: Re: [APRSSIG:4548] Re: Rock Bound GATE Radio
Date: Mon, 9 Sep 96 17:15:36 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Don't order those crystals just yet. 10.1493 Mhz is the "proper" freq for
>30 m aprs alright, proper for the average of the mark and space (1600/1800
>or is it 1800/1600 hz) tones. When using a KAM+, the radio is usually
>dialed to 10.1510 Mhz LSB, which then puts the average of the two tones on
>10.1510 - 0.0017 = 10.1493 Mhz. I believe the KAM+ has the ability to
>interchange mark and space by issuing a command, thus it should be possible
>to put the radio on 10.1493 - 0.0017 = 10.1476 Mhz USB. If you want I can
>try this at home tonight and let you know if it works. Has anybody done this?
>
Don't need to do that...(someone correct me if I get this wrong), but
information in HF and VHF packet is conveyed by transitions in the tones,
not in the tone itself. It doesn't matter if the radio is tuned to upper
or lower sideband.

>By the way, radios that are of recent enough age so as to not allow "out of

>band" TX, will give you a problem when pressed into 30 aprs service. This
>is because the radio dial says 10.151 which of course is 1Khz out of band,
>and it will not TX. A simple "MARS" modification can fix that.
>
I've been using USB on my Kenwood 870 for just that reason, I haven't
seen the mod for it yet. My Yaseu FT-900, even before the mod, worked
from 10.000 - 10.500, so not all radios will have this problem.

Steve KO4HD

From sdimse@bridge.net Mon Sep 09 16:42:12 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA14289 for <aprssig@tapr.org>; Mon, 9 Sep 1996
16:42:06 -0500 (CDT)
Received: from (ppp-mia4-144.bridge.net [204.253.4.144]) by bridge.net
(8.7.5/8.7.3) with SMTP id RAA11827 for <aprssig@tapr.org>; Mon, 9 Sep 1996
17:39:04 -0400 (EDT)
Message-Id: <199609092139.RAA11827@bridge.net>
Subject: Re: [APRSSIG:4544] Re: APRS SKYWARN
Date: Mon, 9 Sep 96 17:42:09 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>On this topic, is it fair to suggest that the APRS/WX/Skywarn capabilities
>be separated from the APRS/GPS group. Not so much on a different freq., but
>perhaps as a separate body?
>
>After all, the APRS/WinAPRS/MacAPRS programs provide for a good tool for
>both interests, but there seems to be enuf diversity within the overall
>program to justify a separate WX/Skywarn group.
>
Are you proposing a separate sig and/or mailing list? If so, I vote
no...I think the weather aspect of APRS is something that affects and
interests many, if not most, people on this sig. I belong to too many
mailing lists already, hi.

Steve KO4HD

From n2czf@magg.net Mon Sep 09 17:05:15 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA14967 for <aprssig@tapr.org>; Mon, 9 Sep 1996
17:05:13 -0500 (CDT)
Received: from Cybergate (wpb-157.magg.net [205.218.112.157]) by grumpy.magg.net
(8.7.5/8.7.3) with SMTP id SAA24764 for <aprssig@tapr.org>; Mon, 9 Sep 1996
18:05:09 -0400
Message-Id: <199609092205.SAA24764@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Sun, 08 Sep 1996 22:04:53 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:4543] Rock Bound GATE Radio

Very interesting! Could you please send me the model number of this radio ?
It may be a keeper for the hamfest list and browsing thru the back of trade
journals. I am in the trade and wound not mind doing some research on it and
see if I can find a source for these. I would guess that they are not too
popular on the used market so the price may be right if we can find a stash
of them sitting in some warehouse.

SNIP>>>
>BUT: This means dedicating an expensive HF radio to be locked on one
>frequency most of the time. Not my idea of fun. So, after scrounging
>around a bit, I came across an old Motorola rock bound hf rig that
>appears to be based on the Micor series. Unfortunately, since it was in
>commercial service, it only operates on USB, even though it has crystals
>for frequencies below 14 Mhz. After reading the DosAPRS docs, it appears
>this won't be a problem, just crystal it up for 10.1493Mhz USB and it
>should work fine with the KAM currently in service.
>
>
>Dave Kaszubski   WB3FYV
>dkaszubski@why.net   also: ustuia6v@ibmmail.com
>Benbrook, Texas N 32 40.319'   W 097 26.844'
>
73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net   (E-Mail)
http://www.magg.net/~n2czf   (Personal)
http://www.magg.net/~n2czf/aprs.html   (Florida APRS)
http://www.magg.net/~n2czf/brothers.html   (Brothers to the Rescue Human
Rights Group)

From wa4mej@juno.com Mon Sep 09 17:16:20 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA15380 for <aprssig@tapr.org>; Mon, 9
Sep 1996 17:16:17 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail)
     id RAA24345; Mon, 09 Sep 1996 17:43:42 EDT
To: aprssig@tapr.org
Date: Mon, 9 Sep 1996 17:09:29 PST
Subject: Re: Rock Bound GATE Radio
Message-ID: <19960909.170933.4607.0.wa4mej@juno.com>
References: <3.0b15.32.19960909143101.006e17b4@144.188.134.33>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,4-7,9-43
From: wa4mej@juno.com (john w dent)

I HAVE A PROBLEM
by suggesting one to put there carrier out side the band with out

knowing what type of equipment it is is a NO NO i ,for one will not TX
on 10151,carrier freq, due to the fact my ticket does not include that
freq. does your's???
have fun...
  HELLO   NOT IN ALL CAPS   take a hike and a cocoe......
john
On Mon, 9 Sep 1996 14:43:15 -0500 (CDT) Paul Moller
<Paul_Moller@csg.mot.com> writes:
>Don't order those crystals just yet. 10.1493 Mhz is the "proper" freq
>for
>30 m aprs alright, proper for the average of the mark and space
>(1600/1800
>or is it 1800/1600 hz) tones. When using a KAM+, the radio is usually
>dialed to 10.1510 Mhz LSB, which then puts the average of the two
>tones on
>10.1510 - 0.0017 = 10.1493 Mhz. I believe the KAM+ has the ability to
>interchange mark and space by issuing a command, thus it should be
>possible
>to put the radio on 10.1493 - 0.0017 = 10.1476 Mhz USB. If you want I
>can
>try this at home tonight and let you know if it works. Has anybody
>done this?
>
>By the way, radios that are of recent enough age so as to not allow
>"out of
>band" TX, will give you a problem when pressed into 30 aprs service.
>This
>is because the radio dial says 10.151 which of course is 1Khz out of
>band,
>and it will not TX. A simple "MARS" modification can fix that.
>
>At 12:51 PM 9/9/96 -0500, you wrote:
>.> After reading the DosAPRS docs, it appears
>>this won't be a problem, just crystal it up for 10.1493Mhz USB and it
>
>>should work fine with the KAM currently in service.
>>
>>Questions:
>>1. Is this frequency a correct assumption?
>Paul, WD9ABE
>
>

From n2czf@magg.net Mon Sep 09 17:16:25 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA15399 for <aprssig@tapr.org>; Mon, 9 Sep 1996
17:16:23 -0500 (CDT)
Received: from Cybergate (wpb-157.magg.net [205.218.112.157]) by grumpy.magg.net
(8.7.5/8.7.3) with SMTP id SAA25307 for <aprssig@tapr.org>; Mon, 9 Sep 1996
18:16:18 -0400
Message-Id: <199609092216.SAA25307@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 08 Sep 1996 22:16:03 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:4544] Re: APRS SKYWARN

I agree that a seperate frequency may be a good idea for mature APRS areas
but two things must be thought of.

1) Non Mature areas may not have enough users to upport two systems. Some
may chose to be part of one group while others will chose another. There are
not enough of us out there yet to support two groups with enough interest to
keep 2 frequencies alive. I am not talking about just the SE but the whole
East Coast in general, with all the sig members sometimes we lose sight that
we are still a "small" number of amateurs. The sig makes APRS look like
there are thousands of users out there all over the country.

2) A Skywarn net does need a large coverage area. Reports from the local
area are good but not good enough considering you want to have enough data
to make this useful. Heck doppler radar gives us a lot of data as is, we
need to offer the NWS more than just limited local reports to be useful. I
do not know about you but frequencies are NOT a dime a dozen in this area
and neither is money. To build another APRS network that has a viable range
would require both of that. Not only is it expensive to get the equipment
but difficult to find good sites, I am not talking about "Joe's 35ft Tower"
I am speaking about 200+ feet. I think it would be a waste of money, users,
and resources to split up.

Some day it may be necessary but in this area we have our hands full
scraping up enough money for what we have and the users to make it worth
while. I can't see any of us trying to do it all over again just to
accomplish what we can already do. The frequencies are bad enough to boot, I
do not want to add to the mess with more transmitters than are needed to get
the job done.

snip**
>On this topic, is it fair to suggest that the APRS/WX/Skywarn capabilities
>be separated from the APRS/GPS group. Not so much on a different freq., but
>perhaps as a separate body?
>
>After all, the APRS/WinAPRS/MacAPRS programs provide for a good tool for
>both interests, but there seems to be enuf diversity within the overall
>program to justify a separate WX/Skywarn group.
>
>Just a thot.
>
>jbl
>--
>J Barry Leonard/N9VJQ
>DeKalb IL
>E-MAIL: jleonard@tbcnet.com
>WWW Home Page http://tbcnet.com/~jleonard/leonard.htm

>American Red Cross Disaster Services - DeKalb Co Chapter
>DR444 DR157
>
>
73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net (E-Mail)
http://www.magg.net/~n2czf (Personal)
http://www.magg.net/~n2czf/aprs.html (Florida APRS)
http://www.magg.net/~n2czf/brothers.html (Brothers to the Rescue Human Rights Group)

From N2ZRC@gnn.com Mon Sep 09 17:59:40 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA17584 for <aprssig@tapr.org>; Mon, 9 Sep 1996 17:59:38 -0500 (CDT)
Received: from 52-117.client.gnn.com. (52-117.client.gnn.com [205.188.52.117]) by mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id SAA11254 for <aprssig@tapr.org>; Mon, 9 Sep 1996 18:59:02 -0400 (EDT)
Message-Id: <199609092259.SAA11254@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 09 Sep 1996 18:58:14
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4515] Re: Dissapointed

Hi All,

On Sun, 8 Sep John M Domblewski wrote:

>... I also believe that perhaps a post on the newsgroup
>rec.radio.amateur.digital.misc might help to get more
>people involved ...

Oh, NO! I don't know about anybody else who've chosen to be on Bill's "elmer" list, but I, for one, DON'T want that to be connected with the usenets! I just left AOL because of all the SPAM I was getting there. Imagine the volumes of garbage we'd receive given that kind of distribution.

Let's keep such access limited to those who've expressed interest in APRS (by following Bill's links) rather than being open to general consumption by the hordes. I'll be glad to assist ANYBODY who actually needs or wants it, but I DON'T want tons of SPAM, nor the riff-raff often associated with usenet. That's why, whenever the thread comes up here as to whether we should open the SIG up to that venue or leave it here it always gets voted down. 73

Arte Booten <N2ZRC@gnn.com>

(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From jleonard@tbcnet.com Mon Sep 09 18:20:38 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA18637 for <aprssig@tapr.org>; Mon, 9 Sep 1996 18:20:35 -0500 (CDT)
Received: from PR154.tbcnet.com (PR154.tbcnet.com [207.112.227.54]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id SAA03780 for <aprssig@tapr.org>; Mon, 9 Sep 1996 18:20:38 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR154.tbcnet.com [207.112.227.54] didn't use HELO protocol
Message-Id: <1.5.4.32.19960909232000.006c1b98@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 09 Sep 1996 18:20:00 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:4551] Re: APRS SKYWARN

Nope! Just letting the WX people run APRS to suit the WX/SKYWARN needs.
And the GPS people doing their thing.

I think we all can co-exist.

jbl

At 17:00 9/9/96 -0500, you wrote:
>>On this topic, is it fair to suggest that the APRS/WX/Skywarn capabilities
>>be separated from the APRS/GPS group. Not so much on a different freq., but
>>perhaps as a separate body?
>>
>>After all, the APRS/WinAPRS/MacAPRS programs provide for a good tool for
>>both interests, but there seems to be enuf diversity within the overall
>>program to justify a separate WX/Skywarn group.
>>
>Are you proposing a separate sig and/or mailing list? If so, I vote
>no...I think the weather aspect of APRS is something that affects and
>interests many, if not most, people on this sig. I belong to too many
>mailing lists already, hi.
>
>Steve KO4HD
>

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page http://tbcnet.com/~jleonard/leonard.htm

American Red Cross Disaster Services - DeKalb Co Chapter
DR444 DR157

From kc4zgq@ix.netcom.com Mon Sep 09 19:48:12 1996
Received: from dfw-ix5.ix.netcom.com (dfw-ix5.ix.netcom.com [206.214.98.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA21855 for <aprssig@tapr.org>; Mon, 9 Sep 1996 19:46:40 -0500 (CDT)
Received: from (kc4zgq@mac-ga3-49.ix.netcom.com [198.211.139.113]) by dfw-ix5.ix.netcom.com (8.6.13/8.6.12) with SMTP id RAA20129 for <aprssig@tapr.org>; Mon, 9 Sep 1996 17:45:49 -0700
Date: Mon, 9 Sep 1996 17:45:49 -0700
Message-Id: <199609100045.RAA20129@dfw-ix5.ix.netcom.com>
From: kc4zgq@ix.netcom.com (JOHN F. KRAUS II)
Subject: Macon Ga Digi
To: aprssig@tapr.org

This is the fourth attempt to send this to the sig. I get it at my other isp with no problem but it does not show on the sig. appoloies if the other copies show later.

>Now if we could just get the folks in Macon GA and South to put up digis
>(and in Macon's case: a real digi) we can begin to see I-75 coverage for 3-4
 ^^

To Ralph and the SIG I have placed on the air a dedicated station that is working reliably as a WIDE-RELAY digi. WB4BDP and I are the only stations that routinely run on a twenty four hour basis.

I have been unable to locate a site on a tower and am unable to afford to buy my own. If Ralph has any suggestions I would like to hear them. About a year ago I e-mailed him but was not answered.

I would also like to know what he considers a "REAL DIGI".
Most likely about a grands worth of surplus commercial gear, hardline, cavity filters, and access to a commercial site on a mountain top.

My definition of a "REAL DIGI" is one that is placed and maintained on the air for the enjoyment of the ham community. It should be open to all who wish to use it. It should be available on a reliable basis with only minor down-time for maintenance. It should be taken off the air or worked into the system if a better option becomes available.

The MACON Wide-Relay digi has been in operation for over a year on a continuous 24 hour a day basis. I am using a beam to reach the atlanta area; this precludes coverage to the south along I-75. I would like to improve this situation but can not do it alone. To date I have made several offers to various ham groups locally to hold training sessions. The last offer was to bring a computer to a pending SKYWARN Training session to demo APRS before or after the meeting. I was told that the timing would not work. If a site can be found I am willing to work with anyone to get a good permanent digi on the air. When this is accomplished I will be the first to set my station to conform to the new network.

>states down here.   It would also be great to see the Savannah folks in the
>"rest" of the net.

I absolutely agree.

Ralph Fowler
rwf@mindspring.com

Ralph please do not consider this a flame. It is a response to your
attack on my attempt to fill a need in the central georgia area. I find
the situation as frustrating as you do. When I placed my station on the
air it was with the hope that it might stimulate some interest.

I posted this to the SIG due to that venue being the first place
complaints were aired. I have always attempted to use correct paths and
to set the system to fit within the net. If I can improve this I will.

Unless comments are related to the aprssig please reply directly to:

<KC4ZGQ@IX.NETCOM.COM> OR <JKHAM@INTERNETMCI.COM> JOHN F. KRAUS II

From ldajz@epix.net Mon Sep 09 19:59:39 1996
Received: from epix.net (root@grape.epix.net [199.224.64.22]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA22148 for <aprssig@tapr.org>; Mon, 9 Sep 1996
19:59:37 -0500 (CDT)
Received: from 199.224.65.100 (clsm-65ppp100.epix.net [199.224.65.100]) by
epix.net (8.7.1/8.7.5) with SMTP id UAA02166 for <aprssig@tapr.org>; Mon, 9 Sep
1996 20:55:53 -0400 (EDT)
Message-ID: <323486D2.347B@epix.net>
Date: Mon, 09 Sep 1996 21:06:26 +0000
From: Lorie and/or Al Zelna <ldajz@epix.net>
X-Mailer: Mozilla 3.0 (Macintosh; I; 68K)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS & APRS SKYWARN
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've begun reading the threads on this topic and am a bit concerned. It
seems that general concensus is for seperate frequencies since SKYWARN
is a "regional" problem. I think this is wrong.

Here in NE PA we are still in the infancy stage of APRS, but have a
strong following of Hams who are active both in Packet and SKYWARN. We
are also lucky to have licensed staff at our NWS office in Binghamton,
NY. (ie: no need to worry about control op's) This just happens to be
one our biggest future attractors for boosting APRS involvement.
Instead of shunning those interested in "helping" a SKYWARN net from the
rest of the "regional" action, why not utilize a TNC's dual-alias
capability in a different way than originally professed. This is a
spin-off of the WIDE-n idea.

For example: Let's say we have an NWS office station; N3XXX, two WIDEs that can hear the NWS; WA3ABC and WA3XYZ, and another WIDE that hears both of those WIDEs, but not the NWS; AA3ZZ. Of course, the best laid plans often fail, but if a SKYWARN-participating digi would use the aliases of WIDE and WX# this plan may work and limit overloading the frequency.

The NWS station would set an UNPROTO of APRS VIA WX1,WX2 etc. (NO WIDEs). If WA3ABC was set as WX1 and AA3ZZ was set as WX2, SKYWARN info could be passed to those areas interested without "disturbing" the WA3XYZ area. This chain could be extended to WX3 and WX4 if the owner of the digis allowed those aliases to be added/edited, as long as they were spaced and named properly. This would also work if another "chain was decided to go in a different direction. (ie: starting at WX1).

Coordination and cooperation is the key in every aspect of our chosen hobby. It is up to those involved and concerned with its well-being to take strides in accomodating change and improvement in it.

Flame if you must,

73 de N3KAE

From wb8vji@tir.com Mon Sep 09 20:17:10 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA22642 for <aprssig@tapr.org>; Mon, 9 Sep 1996 20:17:05 -0500 (CDT)
Received: from an25ow.tir.com (an25ow.tir.com [205.218.77.27]) by tir.com (8.7.5/8.7) with SMTP id VAA28683 for <aprssig@tapr.org>; Mon, 9 Sep 1996 21:11:45 -0400 (EDT)
Message-ID: <32344270.3600@tir.com>
Date: Mon, 09 Sep 1996 21:16:29 +0500
From: Tom Carpenter <wb8vji@tir.com>
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4530] Re: Burned by PK-12 again!
References: <3233E3AA.4055@tir.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger Breckon wrote:
>
> Bob Bruninga wrote:
> >
> > Visiting a new station (also the 1st station on the air in a new city), I
> > drove to his DRIVEWAY and he still couldnt see me! We pulled our hair
> > out, and his rig would hear otehr stations but ignore my packets.
> >
> > How soon we forget.....   I finally remembered that the stupid PK-12
> > (older version) does *NOT* display packets that it itself digipeats!
> > (Is this still true? How about other AEA products???)

> >
> > So of course, his station had the alias of RELAY, and sicne he was the
> > only one in town, I was transmitting via RELAY...   ERGO the
> > PK-12 digipeated my packets but never passed them along to the PC!
> >
> > I was in a rush to meet family committments, but we couldnt find the
> > command in the manuual before I had to leave. But ther is a command in
> > the PK-12 so that it will monitor packets that it digipeats, too bad it
> > defaults to OFF!!!
> >
> > Reply mail addr: wb4apr@amsat.org
> > See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
> ==
> Bob,
>
> I have a 88 card and a pk900 and don't believe they will print to the
> screen digipeated packets.
> All I see is my rig s red tx lamp go on. Not real cool!
> If anyone does know how to do this please let me know?
>
> 73,
>
> Roger n8chb
Hi Tom here in Owosso Mi. Set mdigi to on.

73 Tom Carpenter
WB8VJI
wb8vji@tir.com

From wa4ikq@nevets.oau.org Mon Sep 09 20:45:56 1996
Received: from osceola.cs.ucf.edu (osceola.cs.ucf.edu [132.170.108.35]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA23937 for <aprssig@tapr.org>; Mon, 9
Sep 1996 20:45:39 -0500 (CDT)
Received: from alfred.UUCP by osceola.cs.ucf.edu (4.1/1.34)
     id AA14245; Mon, 9 Sep 96 21:45:21 EDT
Received: by alfred.oau.org (Smail-3.2 1996-Jul-4 #1)
     id <m0v0HeY-0002aWC@alfred.oau.org>; Mon, 9 Sep 1996 21:30:14 -0400 (EDT)
Received: by nevets.oau.org (Smail3.1.29.1 #2)
     id m0v0HCF-000QgcC; Mon, 9 Sep 96 21:00 EDT
Message-Id: <m0v0HCF-000QgcC@nevets.oau.org>
Date: Mon, 9 Sep 96 21:00 EDT
From: wa4ikq@nevets.oau.org (Geoffrey Dick)
To: aprssig@tapr.org
Subject: ROCK BOUND ON 10.151

John wrote:

Date: Mon, 9 Sep 1996 17:27:31 -0500 (CDT)
From: alfred!ucf-cs!juno.com!wa4mej (john w dent)

To: aprssig@tapr.org
Subject: [APRSSIG:4553] Re: Rock Bound GATE Radio

I HAVE A PROBLEM
by suggesting one to put there carrier out side the band with out
knowing what type of equipment it is is a NO NO i ,for one will not TX
on 10151,carrier freq, due to the fact my ticket does not include that
freq. does your's???
have fun...
  HELLO   NOT IN ALL CAPS   take a hike and a cocoe......
john

==========

John,

It is really 10.151 Lower Sideband.

Back to the abacus!

                              Geoffrey, wa4ikq@nevets.oau.org

From KD4EMI@aol.com Mon Sep 09 21:09:20 1996
Received: from emout19.mail.aol.com (emout19.mx.aol.com [198.81.11.45]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA24991; Mon, 9 Sep 1996 21:09:17 -0500
(CDT)
From: KD4EMI@aol.com
Received: by emout19.mail.aol.com (8.6.12/8.6.12) id WAA22111; Mon, 9 Sep 1996
22:08:42 -0400
Date: Mon, 9 Sep 1996 22:08:42 -0400
Message-ID: <960909220840_281348940@emout19.mail.aol.com>
To: aprssig@tapr.org
cc: Aprs-fl@tapr.org
Subject: SHIRTS

It is funny how things happen...

Went to get shirts...they had big iron like scorches on them...
NO GOOD.... Got into a pissing contest with them and said F it..

Drove by another place... Gave them the idea for the logo, they made it right
then as I waited in a TWO COLOR version for same price !!

Shirts will be ready FRIDAY !!

See you at the hamfest !
Michael
(ps for the FL Group hooters sounds great !!)

From jwillis@vir.com Mon Sep 09 21:55:29 1996
Received: from Vir.com (News.Vir.com [199.84.154.68]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA26832 for <aprssig@tapr.org>; Mon, 9 Sep 1996
21:55:23 -0500 (CDT)

Received: from ipdyne24.vir.com [199.202.197.24] by Vir.com (8.7.1/v1.1) with SMTP
       id WAA32621 for <aprssig@tapr.org>; Mon, 9 Sep 1996 22:53:27 -0400 (edt)
Message-ID: <3234D5E5.CF6@vir.com>
Date: Mon, 09 Sep 1996 22:43:49 -0400
From: Joseph Willis <jwillis@vir.com>
X-Mailer: Mozilla 2.02 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4538] Re: WIDE,WIDE,WIDE?
References: <199609091350.IAA13393@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Wait a min! Not being critical of you, Al. But, shouldn't that be
> WIDE,WIDE,N3ZZZ? Or have I got it backasswards?

The word is 'bassackwards". Thank you.

From bruninga@nadn.navy.mil Mon Sep 09 21:56:59 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26916 for <aprssig@tapr.org>; Mon, 9
Sep 1996 21:56:56 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id XAA28531 for <aprssig@tapr.org>; Mon, 9 Sep 1996
23:01:33 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 9 Sep 1996 23:01:32 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS77a *STOP*
Message-ID: <Pine.GSO.3.95.960909225851.28493A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

ARGH. after hours of uploading and copying, I just decided to recall 77a.
It has a bug when responding to a prompt if you just hit carriage return.
In this case, it will not give you the default...

I decided to cut it off at the knees! If you already downloaded it,
please go ahead an use it and report any further bugs ASAP. But If you
dont have it, then wait...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From dkaszubski@why.net Mon Sep 09 22:38:39 1996
Received: from where.why.net (where.why.net [205.240.252.21]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA28358 for <aprssig@tapr.org>; Mon, 9 Sep 1996
22:38:36 -0500 (CDT)
Received: from 2.liv3.arl.why.net ([206.160.169.186]) by where.why.net

          (post.office MTA v2.0 0813 ID# 0-11525) with SMTP id AAA383
          for <aprssig@tapr.org>; Mon, 9 Sep 1996 22:37:24 -0500
Message-ID: <3234FEB4.439D@why.net>
Date: Mon, 09 Sep 1996 22:37:56 -0700
From: dkaszubski@why.net (dkaszubski)
Organization: The Why? Network
X-Mailer: Mozilla 2.02 (Win95; I; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4552] Re: Rock Bound GATE Radio
References: <199609092205.SAA24764@grumpy.magg.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard Garcia wrote:
>
> Very interesting! Could you please send me the model number of this radio ?
> It may be a keeper for the hamfest list and browsing thru the back of trade
> journals. I am in the trade and wound not mind doing some research on it and
> see if I can find a source for these. I would guess that they are not too
> popular on the used market so the price may be right if we can find a stash
> of them sitting in some warehouse.

It's a Motorola Model L70SGC1180BM, looks like a Micor mobile unit stuffed into a big (6h x 18w x 24d) case with a power supply, speaker, and all the usual front panel controls. This one is a 12 channel with an S/RF meter. The whole thing weighs about 100 pounds and I have seen them at hamfests for about a dollar a pound, albeit rarely. This case would probably fit any of the Micor trunk mount modules, the PA cooling fins hang out the back. I got this one from the recycle heap of the company I work for so I gotta put it to Ham Radio Club use, not personal. That just means I'll move the GATE to our repeater site in Glen Rose one of these days ;-) The last time I had it turned on it put out about 150 watts, the built in time-out timer limited key down to 3 minutes but it didn't even get warm after that much time. This thing had "Remote Location" written all over it! I think the crystal elements are pretty common, but if you find one with a couple elements already it it, crystals are typically $15 - $20.   Any info would be appreciated!

--
Dave Kaszubski   WB3FYV
dkaszubski@why.net   also: ustuia6v@ibmmail.com
Benbrook, Texas N 32 40.319'   W 097 26.844'

President of the   Texas Utilities Amateur Radio Club,
                        Comanche Peak Chapter
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society
Still experimenting with APRS...
http://users.why.net/dkaszubski/

From ke4htm@bluenet.net Mon Sep 09 22:48:25 1996

Received: from prophet.bluenet.net (prophet.bluenet.net [205.244.98.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA29009 for <aprssig@tapr.org>; Mon, 9 Sep 1996 22:48:23 -0500 (CDT)
Received: from ke4htm.bluenet.net by prophet.bluenet.net via SMTP (940816.SGI.8.6.9/940406.SGI)
     for <aprssig@tapr.org> id XAA14175; Mon, 9 Sep 1996 23:34:31 -0700
Message-Id: <2.2.32.19960910034821.0068e710@bluenet.net>
X-Sender: ke4htm@bluenet.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 09 Sep 1996 23:48:21 -0400
To: aprssig@tapr.org
From: "Jamie R. Dean" <ke4htm@bluenet.net>
Subject: Re: [APRSSIG:4558] APRS & APRS SKYWARN

At 08:14 PM 9/9/96 -0500, you wrote:
>I've begun reading the threads on this topic and am a bit concerned. It
>seems that general concensus is for seperate frequencies since SKYWARN
>is a "regional" problem. I think this is wrong.
>
I happen to agree. The more useful communications that we can get out on
APRS will not only boost our cause but show a need for the software. ARES
and RACES and SKYWARN are all welcome in North Carolina on 145.790 as long
as using APRS for nessecary communications only. No hour long rag chews.
Just the facts and the info that is important to the Storm, fire, flood, etc...

Be more tolerant. Digital hams want storm info too..

73,
Jamie R. Dean - KE4HTM

DALNet IRC Channel: #rag_chew

+--+
| Jamie R. Dean |
| P.O. Box 942 |
| Rutherford College, North Carolina |
| 28671 |
| Amateur Radio: KE4HTM |
| E-Mail: ke4htm@bluenet.net |
+--+

From wendysue@global2000.net Mon Sep 09 23:44:20 1996
Received: from mail.global2000.net (mail.global2000.net [198.69.121.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA02592 for <aprssig@tapr.org>; Mon, 9
Sep 1996 23:44:18 -0500 (CDT)
Received: from test.global2000.net (dialup-47.global2000.net [205.247.145.147]) by
mail.global2000.net (8.7.5/8.6.9) with SMTP id AAA04969 for <aprssig@tapr.org>;
Tue, 10 Sep 1996 00:44:17 -0400
Message-ID: <3234F231.48E9@global2000.net>
Date: Tue, 10 Sep 1996 00:44:33 -0400
From: John M Domblewski <wendysue@global2000.net>
Organization: Mobile Office Services
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4555] Re: Dissapointed
References: <199609092259.SAA11254@mail-e2b-service.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arte Booten wrote:
>
> Hi All,
>
> On Sun, 8 Sep John M Domblewski wrote:
>
> >... I also believe that perhaps a post on the newsgroup
> >rec.radio.amateur.digital.misc might help to get more
> >people involved ...
>
>   Oh, NO! I don't know about anybody else who've chosen to
> be on Bill's "elmer" list, but I, for one, DON'T want that to
> be connected with the usenets! I just left AOL because of all
> the SPAM I was getting there. Imagine the volumes of garbage
> we'd receive given that kind of distribution.
>
>   Let's keep such access limited to those who've expressed
> interest in APRS (by following Bill's links) rather than being
> open to general consumption by the hordes. I'll be glad to as-
> sist ANYBODY who actually needs or wants it, but I DON'T want
> tons of SPAM, nor the riff-raff often associated with usenet.
> That's why, whenever the thread comes up here as to whether we
> should open the SIG up to that venue or leave it here it always
> gets voted down. 73
>
>   Arte Booten <N2ZRC@gnn.com>
> (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
>   [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]
>
> I am initiating an inverted tachyon pulse to those coordinates now.

Hello Art

I have only one question: How do we increase the number of hams involved
with APRS if we don't tell anybody?

TNX

John

From wa8inz@cris.com Tue Sep 10 00:53:56 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA10014 for <aprssig@tapr.org>; Tue, 10
Sep 1996 00:53:54 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id BAA13087; Tue, 10 Sep 1996 01:53:10 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80292.concentric.net [206.173.113.92])
     by cliff.cris.com (8.7.5)
     id BAA18093; Tue, 10 Sep 1996 01:53:50 -0400 (EDT)
Message-ID: <32351E8C.2F67@cris.com>
Date: Tue, 10 Sep 1996 00:53:48 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4557] Macon Ga Digi
References: <199609100045.RAA20129@dfw-ix5.ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

JOHN F. KRAUS II wrote:
>
>
> The MACON Wide-Relay digi has been in operation for over a year on a
> continuous 24 hour a day basis. I am using a beam to reach the atlanta
> area; this precludes coverage to the south along I-75. I would like to
> improve this situation but can not do it alone. To date I have made
> several offers to various ham groups locally to hold training sessions.
> The last offer was to bring a computer to a pending SKYWARN Training
> session to demo APRS before or after the meeting. I was told that the
> timing would not work. If a site can be found I am willing to work with
> anyone to get a good permanent digi on the air. When this is accomplished
> I will be the first to set my station to conform to the new network.
> ------------------- SNIP -------------

John don't let that bother you, i don't want to start a flame but take it with
a grain of salt. It's not any good unless it's controlled by Atlanta people i
guess. I don't have any problem with your digi showing here in North Alabama at
all, as far as i can see it works just great. Yes i agree there could be more
digi's but then again we have some pretty good once. Then we have one that's in

a perfect location that's realy messing things up here in North Alabama. The one located on Mnt Cheaha is a great digi if it could only hear. It sends out a great signal (I can hear it direct) but it can't receive worth a darn, if it could that would be a great link from Alabama to Georgia. Anyway John hang in there your doing ok in my book.

--


```
               \////
               (0 0)
          *--o0-(_)-0o--*
          wa8inz@amsat.org
          wa8inz@cris.com
     Check out my A.P.R.S Web Page.
   THANKS TO THOSE MENTOR VOLENTEERS
  Also check out my WA8INZ Home page.

   http://www.concentric.net/~wa8inz
```


From wa8inz@cris.com Tue Sep 10 01:06:42 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA10475 for <aprssig@tapr.org>; Tue, 10 Sep 1996 01:06:40 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id CAA14511; Tue, 10 Sep 1996 02:05:53 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80292.concentric.net [206.173.113.92])
     by cliff.cris.com (8.7.5)
     id CAA19317; Tue, 10 Sep 1996 02:06:31 -0400 (EDT)
Message-ID: <32352185.6739@cris.com>
Date: Tue, 10 Sep 1996 01:06:29 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4565] Re: APRS & APRS SKYWARN
References: <2.2.32.19960910034821.0068e710@bluenet.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jamie R. Dean wrote:
>
> At 08:14 PM 9/9/96 -0500, you wrote:
> >I've begun reading the threads on this topic and am a bit concerned. It
> >seems that general concensus is for seperate frequencies since SKYWARN
> >is a "regional" problem. I think this is wrong.
> >
> I happen to agree. The more useful communications that we can get out on
> APRS will not only boost our cause but show a need for the software. ARES
> and RACES and SKYWARN are all welcome in North Carolina on 145.790 as long
> as using APRS for nessecary communications only. No hour long rag chews.

> Just the facts and the info that is important to the Storm, fire, flood, etc...
>
> Be more tolerant. Digital hams want storm info too..
>
> 73,
> Jamie R. Dean - KE4HTM
>

Jamie i agree but not all of it, What one person consideres nessecary, may not be so to another. And hour long rag chews are very common here, and it has been that way ever since there where only two of running APRS here in North Alabama. I don't agree with the idea that we should curtail our use of the way we have been using APRS in the past and present. This is exactly why i am saying it would be a good idea to have a comitted frequency for those very important functions like Skywarn, Races etc. You can't expect someone 300 or 400 miles away to clear the frequency because there's some bad weather in a distant location (They didn't for us when 13 people got killed in a tornado here). I just think it would make good sence to make a move now.

--
                \////
                (0 0)
           --o0-(_)-0o--
           wa8inz@amsat.org
           wa8inz@cris.com
     Check out my A.P.R.S Web Page.
   THANKS TO THOSE MENTOR VOLENTEERS
  Also check out my WA8INZ Home page.

   http://www.concentric.net/~wa8inz

From n8chb@juno.com Tue Sep 10 02:34:21 1996
Received: from x2.boston.juno.com (x2.boston.juno.com [205.231.101.21]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA13545 for <aprssig@tapr.org>; Tue, 10 Sep 1996 02:34:19 -0500 (CDT)
Received: (from n8chb@juno.com) by x2.boston.juno.com (queuemail)
     id DAA25240; Tue, 10 Sep 1996 03:28:52 EDT
To: aprssig@tapr.org
Date: Tue, 10 Sep 1996 05:44:28 PST
Subject: Re: APRS & APRS SKYWARN
Message-ID: <19960910.054429.7758.1.n8chb@juno.com>
References: <2.2.32.19960910034821.0068e710@bluenet.net>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-1,3,5-12
From: n8chb@juno.com (Roger Breckon)

Nope I do not agree.

As much as I like and support the use of aprs software I don't feel anyone can dictate
to other amateurs what kind of commercial software they can or can not use on ham bands.

thanks,

Roger n8chb

From james-m@ix.netcom.com Tue Sep 10 03:44:02 1996
Received: from dfw-ix1.ix.netcom.com (dfw-ix1.ix.netcom.com [206.214.98.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id DAA15368 for <aprssig@tapr.org>; Tue, 10 Sep 1996 03:44:00 -0500 (CDT)
Received: from #james-m (sav-ga1-21.ix.netcom.com [205.184.8.53]) by dfw-ix1.ix.netcom.com (8.6.13/8.6.12) with ESMTP id XAA02980 for <aprssig@tapr.org>; Mon, 9 Sep 1996 23:04:51 -0700
Message-Id: <199609100604.XAA02980@dfw-ix1.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4540] Re: comments Version 77 aprs
Date: Tue, 10 Sep 1996 02:04:21 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I think what had me puzzled was the mixed upper and lower case.. Not a big deal by any means, just something that I had noticed.. Think your doing and excellent job, and by all means keep up the good work..

Don

> From: Bob Bruninga <bruninga@nadn.navy.mil>
> To: aprssig@tapr.org
> Subject: [APRSSIG:4540] Re: comments Version 77 aprs
> Date: Monday, September 09, 1996 10:31 AM
>
> On Sun, 8 Sep 1996, Don Murray wrote:
>
> > I have noticed on ver 7.7 mixed upper/lower case in the Wx beacon
> > My station is showing the following after the normal location info
> > _289/000/T076/R000p000b0107h00g000U2k
> >
> > I have also noted that no matter how you enter the beacon comments, it is
> > stored as uppercase characters..
>
> APRSdos REPLY/COMMENT: That is the new WX format. Lower case separators
> to make room for a 4 digit baro and the wind GUST field...
>
> Reply mail addr: wb4apr@amsat.org

> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>

From jswift@up.net Tue Sep 10 07:05:58 1996
Received: from btc1 (btc1.up.net [205.242.56.10]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id HAA19093 for <aprssig@tapr.org>; Tue, 10 Sep 1996 07:05:56 -0500
(CDT)
Received: from nb1-40.up.net by btc1 (5.x/SMI-SVR4)
     id AB14061; Tue, 10 Sep 1996 08:05:29 -0400
Message-Id: <9609101205.AB14061@btc1>
X-Sender: jswift@mail.up.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 10 Sep 1996 08:06:55 -0500
To: aprssig@tapr.org
From: jack swift <jswift@up.net>
Subject: Re: APRS SKYWARN freq

At 05:34 PM EST 9/9/96 -0500, you wrote:
>I agree that a seperate frequency may be a good idea for mature APRS areas
>but two things must be thought of.
>
>1) Non Mature areas may not have enough users to upport two systems.

i've got to agree with this wholeheartedly! we don't even have 145.79
operating yet! we two users of the program are on the local lan frequency
with a few (5) people beaconing their posits out of politeness for us and we
share the lan with an msys bbs and two active mailboxes.

Jack Swift   jswift@up.net   N8WAV@W8YY.#UPMI.MI.USA.NA   47.119N 88.572W
Swift True Value Hardware   402 Shelden Ave. Houghton, MI 49931
906-482-0530, 0531, 7766   Alpha Phi Omega Epsilon Lambda Chapter Advisor
Houghton County Amateur Radio Emergency Service   Dereliction IS!
Keweenaw Peninsula Chapter American Red Cross CIO/Treasurer   Ham It Up!
^^

From wmn3@dfw.net Tue Sep 10 08:09:40 1996
Received: from dfw.dfw.net (root@dfw.dfw.net [198.175.15.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA20646 for <aprssig@tapr.org>; Tue, 10 Sep 1996
08:09:38 -0500 (CDT)
Received: from by dfw.dfw.net (4.1/SMI-4.1)
     id AB05513; Tue, 10 Sep 96 08:08:50 CDT
Message-Id: <9609101308.AB05513@dfw.dfw.net>
From: "Bill Neal/N0NSA" <wmn3@dfw.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4537] Re: SPCL mode works!
Date: Tue, 10 Sep 1996 07:31:37 -0500
X-Msmail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

From: J. Scott Ratchford, KC5JGV <jratchf@bulldog.afsc.k12.ar.us>

> Would it be possible to add ALT-SETUP-MODE-SKYWARN? It was suggested (on
> this sig) that we should set-up our own freq. Well, here in "hillbilly"
---snip!
>I'm suggesting a specific
> SKYWARN for use in hurricans, tornados and such. Suggestions Please?
---snip!
> J. Scott Ratchford - KC5JGV - Marshall, Arkansas

This sounds interesting. If not labeled SKYWARN mode, how about Emergency Services Mode... Ya, ya, I'm going to search the doc's for Special mode now.

Cheers, Bill Neal
http://www.dfw.net/~wmn3/

From davew@cruzio.com Tue Sep 10 08:39:01 1996
Received: from cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA21902 for <aprssig@tapr.org>; Tue, 10 Sep 1996 08:38:59 -0500 (CDT)
Date: Tue, 10 Sep 1996 08:38:59 -0500 (CDT)
Received: from pine222.cruzio.com by cruzio.com id aa03663; 10 Sep 96 6:34 PDT
X-Sender: davew@mail.cruzio.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: David Wells <davew@cruzio.com>
Subject: Re: [APRSSIG:4564] Re: Rock Bound GATE Radio
Message-ID: <9609100634.aa03663@cruzio.com>

>
>It's a Motorola Model L70SGC1180BM, looks like a Micor mobile unit
>stuffed into a big (6h x 18w x 24d) case with a power supply, speaker,
>and all the usual front panel controls. This one is a 12 channel with an
>S/RF meter. The whole thing weighs about 100 pounds and I have seen them
>at hamfests for about a dollar a pound, albeit rarely. This case would
>probably fit any of the Micor trunk mount modules, the PA cooling fins
>hang out the back. I got this one from the recycle heap of the company I
>work for so I gotta put it to Ham Radio Club use, not personal. That
>just means I'll move the GATE to our repeater site in Glen Rose one of
>these days ;-) The last time I had it turned on it put out about 150
>watts, the built in time-out timer limited key down to 3 minutes but it
>didn't even get warm after that much time. This thing had "Remote
>Location" written all over it! I think the crystal elements are pretty
>common, but if you find one with a couple elements already it it,
>crystals are typically $15 - $20.   Any info would be appreciated!
>
>
>

>--
>Dave Kaszubski   WB3FYV
>dkaszubski@why.net   also: ustuia6v@ibmmail.com
>Benbrook, Texas N 32 40.319'   W 097 26.844'

Can you get the spec's on the sideband offset xtal and obtain another one
that will place it on LSB?

Dave
David L. Wells KD6TO (KD6 Teletype Operator)
INTERNET: davew@cruzio.com
Watsonville, CA USA

From jratchf@bulldog.afsc.k12.ar.us Tue Sep 10 08:56:23 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA22489 for <aprssig@tapr.org>; Tue, 10 Sep 1996
08:56:19 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us
[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA30192
for <aprssig@tapr.org>; Tue, 10 Sep 1996 08:56:09 -0500
Message-Id: <199609101356.IAA30192@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: SKYWARN PART 2
Date: Tue, 10 Sep 1996 08:53:31 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

First, Thanks for all the replies to the original message, both on the sig
and private.

There are several very intersting idea out there that should be reviewed.
Please allow me my replies:

Here is a quote from the March 1995 issue of QST, p. 114.

"This goal of this Special Interest Group (SIG) is to provide a forum for
people interested in APRS so that they can ask questions, compare notes
and exchange ideas. They'll discuss things pertaining to APRS, such as
GPS, GPS units, applications of GPS and APRS (eg, automatic
weather-reporting APRS used by hams who report the progress of hurricanes
to the National Weather Service Hurricane Information Center in Miami),
using APRS in public events like bike-athons, and in emergencies."

I have always concidered SKYWARN as an emergency service that we volunteer
for. I've also always looked at APRS as a potential tool for use in
SKYWARN. Let me let you in on another little secret while we're on this
subject. According to the NWS in Little Rock, Doppler radar has an
effective tornatic detection radius of only 80 miles! Case in point: the

F5 tornado in Ft. Smith in which neither NWS office in Little Rock nor Tulsa were able to detect and warn those people. There was NO "offical" warning! However, there were several hams spotting WELL in advance! The doppler radar in Little Rock is also placed at a LOWER elevation that I am here and we have serval mountains in between us! They have admitted that the radar cannot "see" below 10,000 feet in this area. That is just the way it is. I'm sure there are other simular areas around the country and people are unaware of the exact coverage. Go visit your local NWS office and see if they are able to observe the weather down to the 2,000 foot level. I';m not trying to beat down the system, that is not the goal here. I just wanted you to know that we rely too much on the doppler radar and take it for granted that it "sees" all! Not so. But that is why we still have the SKYWARN Nets and spotters like us. Again, I forsee APRS as a vital tool in that.

Another reason I am bringing this to the forefront of the sig as well as looking for more ideas and suggestions, is that the fall storm season is forthcoming, not to mention the current peak of the hurricane season and all the spin-offs of those things once they make landfall. I'll be heading down to see the NWS after I get back from a a trip to NY state (APRS mobile trip fer sure!) and want to be armed to the hilt with all the answers to the questions that are going to arise. Imposible right!?

As to separate freqs for the "important functions like ARES, RACES and SKYWARN" well I both agree and disagree. There is no reason that all the APRS stations must give or listen to a freq filled with SKYWARN (or other) messages. But on the other hand, there is no reason, other that it hasn't been implemented yet, that there can't be a shared freq that can handle more than one "dedicated" network. I've seen and read the messages about "TexNet" and "WX1, WX2...." and I think we're all hitting on the same thing but need a forum to discuss this in detail. Any suggestions? (I vote against another sig!) What happened to the APRS conference idea?

Again, thanks for all the sugestions and ideas! Keep them coming!

73
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From n8chb@tir.com Tue Sep 10 09:38:26 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24248 for <aprssig@tapr.org>; Tue, 10 Sep 1996 09:38:23 -0500 (CDT)
Received: from n8chb.tir.com (an8liv.tir.com [205.218.84.10]) by tir.com (8.7.5/8.7) with SMTP id KAA27275 for <aprssig@tapr.org>; Tue, 10 Sep 1996 10:33:05 -0400 (EDT)
Message-ID: <3235DF6E.4A18@tir.com>
Date: Tue, 10 Sep 1996 14:37:34 -0700
From: Roger Breckon <n8chb@tir.com>

Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: hf operation
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>From time to time I see concern about out of band operations on 30 mtrs

Why is USB out of band and LSB not out of band?

Please check out this location for what I believe is a very good explanation of Tuning HF Digital Signals and other helpful things related to rigs etc.

URL:http://prairie.lakes.eom/~medcalf/ztx/tunehf.html

73

Roger n8chb

From bruninga@nadn.navy.mil Tue Sep 10 09:43:46 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24448 for <aprssig@tapr.org>; Tue, 10 Sep 1996 09:43:43 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA09795; Tue, 10 Sep 1996 10:48:37 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 10 Sep 1996 10:48:37 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
Reply-To: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
cc: seismo@sas.org
Subject: APRS Quake monitoring system
Message-ID: <Pine.GSO.3.95.960910103909.8502A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

KJ6BU advises an article in the Amateur Scientist column of May 1996 Scientific American discusses the growing interest in monitoring RF at the 0.1 to 10 Hz range for detecting earthquakes (at about 4 Hz). Just hook the output of a 2 foot long rod wound with 50,000 turns of #30 magnet wire to your sound blaster card via a pre-amp and you can collect this data. What is needed is a mechanism for distributing this data. KJ6BU suggests APRS (the Automatic Position Reporting System which is an amateur radio position reporting network all over California... and elsewhere).

My reply is that the raw data at 20 samples per second with an 8 bit A/D would require almost 20 bytes per second which would

saturate an APRS net. If, however, you did a FFT of the raw data and continuously averaged the background noise level, then you could set a "threshold" that would only transmit data when an event or signal exceeded that threshold, say by 5%. The last CA earthquake reportedly produced a signal 300 times the background level... Periodically, say once every 15 minutes, you would send one packet showing your background noise level. A packet would consist of just 40 bytes, each byte representing the magnitude of energy detected in each 0.25 Hz bin of the FFT. APRS would plot these reports on the map.

I think that The Sproul Bros and I would be happy to make some kind of symbol so that would display these magnitudes on the map, either as color (red being big!) or as vertical BAR graphs at each location. If you used your mouse cursor to select any station, then the full FFT data for that station would be displayed.

Also, it would be easy to adapt a MIM telemetry module to do all of the A/D and FFT and data computation and packetizing. ALl you would need to do is hook up the rod antenna and preamp to a MIM and a tiny

2 meter radio. This way, you could put the whole thing out in the woods (Away from 60 Hz and manmade interference!) and run it on solar power!

KJ6BU left me no EMAIL address but his phone number is (805) 649-5412 in Ojai, CA 93023. The Article referenced this web site: http://www.thesphere.com/SAS. There was a REPLY address on this project as seismo@sas.org.

If anyone wants to take this ball and run with it, go for it! We need a consensus on the data rate. If the filtered data can be reduced to a background level of about 1 packet every 15 minuntes or so, and maybe a peak of 10 times that during thunderstorms, then I dont think any APRS net would mind a 100 times or higher data rate when a REAL earthquake was detected. Remember, this signal PRECEEDS the quake!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Tue Sep 10 09:49:09 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24747 for <aprssig@tapr.org>; Tue, 10 Sep 1996 09:49:05 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA10502; Tue, 10 Sep 1996 10:53:57 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 10 Sep 1996 10:53:57 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: Jon Brockmeier <brock@brockhouse.com>

cc: aprssig@tapr.org
Subject: Mobile APRS-WX and GPS
In-Reply-To: <199609100305.XAA06993@router.brockhouse.com>
Message-ID: <Pine.GSO.3.95.960910104930.8502B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 9 Sep 1996, Jon Brockmeier KB8SWB asked:

> Is there a way using APRS with a computer, TNC, radio, GPS, UltiiMeter
> weather equipment mount to a car, to report the position of the car and the
> true weather conditions

APRSdos REPLY/COMMENT: Not currently, but it could be done easily if there
was enough interest. My approach would be the old push button manual
method. APRS would talk to the TNC and GPS normally. When you want to
make a WX report. You push and hold a button for 3 seconds.

OOPS. This would only work single port if you can make the WX sation and
the GPS talk at the same baud rate. (The TNC will work at any baud rate).

Otherwise, it will take a dual serial port laptop...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Tue Sep 10 10:02:48 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA25593 for <aprssig@tapr.org>; Tue, 10
Sep 1996 10:02:44 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA12875 for <aprssig@tapr.org>; Tue, 10 Sep 1996
11:07:44 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 10 Sep 1996 11:07:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4573] Re: Rock Bound GATE Radio
In-Reply-To: <9609100634.aa03663@cruzio.com>
Message-ID: <Pine.GSO.3.95.960910110630.8502H-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Sep 1996, David Wells wrote:

> >It's a Motorola Model L70SGC1180BM, looks like a Micor mobile unit
> >stuffed into a big (6h x 18w x 24d) case with a power supply, speaker,
> >and all the usual front panel controls. This one is a 12 channel with an
>
> Can you get the spec's on the sideband offset xtal and obtain another one
> that will place it on LSB?

APRSdos REPLY/COMMENT: You cant change it to LSB that simply. Why
bother? Just use USB and tune twice the value of your TNC tones lower.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From Paul_Moller@csg.mot.com Tue Sep 10 10:23:09 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA26541 for <aprssig@tapr.org>; Tue, 10 Sep 1996
10:23:07 -0500 (CDT)
Received: from pobox.mot.com (pobox.mot.com [129.188.137.100]) by motgate2.mot.com
(8.7.3/8.6.10/MOT-3.8) with ESMTP id PAA21629 for <aprssig@tapr.org>; Tue, 10 Sep
1996 15:18:58 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by
pobox.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id KAA20576 for <aprssig@tapr.org>;
Tue, 10 Sep 1996 10:22:18 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by
OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id KAA26344 for <aprssig@tapr.org>;
Tue, 10 Sep 1996 10:22:07 -0500
Message-Id: <3.0b15.32.19960910102542.00691fb4@144.188.134.33>
X-Sender: mollpj@144.188.134.33
X-Mailer: Windows Eudora Pro Version 3.0b15 (32)
Date: Tue, 10 Sep 1996 10:25:44 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: Re: [APRSSIG:4553] Re: Rock Bound GATE Radio
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My ticket also does NOT allow me to TX on 10.151 Mhz. And to some degree
your point is very valid, but not likely true.
The valid part is that I, like most other hams who have not really looked
at the TX signal with a spectrum analyzer, do not really know what the
spectral emissions are of my hf radio. Therefore setting a TX freq out of
the ham band is asking for trouble. On the other hand, the commercially
purchased radio (a Yaesu in my case) had to receive FCC type approval for
emissions. Therefore running SSB suppressed carrier with the dial set out
of band is probably OK in real life as long as one has control of the
modulation side bands and is confident of the radios frequency accuracy.
The same can be said of running less than a khz or two from the edge of the
band which MANY people do: One relies on the manufacturer to ensure that
the unwanted sideband suppression and carrier suppression on your radio are
as good or better as the radio that was submitted to the FCC for type
approval.

In any case there is another possible drawback to the 10.1476 Mhz USB radio
scenerio. That is that the receiver will be seeing more signals in the ham
band, depending on the filters that are available. The point is that the
packet signal is fairly narrow band, and many radios do not have the
flexibility to choose filters that will give you narrow bandwidth centered
1600 hz from the "carrier".

Ham radio is always fun!

At 05:27 PM 9/9/96 -0500, you wrote:
>I HAVE A PROBLEM
>by suggesting one to put there carrier out side the band with out
>knowing what type of equipment it is is a NO NO i ,for one will not TX
>on 10151,carrier freq, due to the fact my ticket does not include that
>freq. does your's???
>have fun...

Paul, WD9ABE

From wa8inz@cris.com Tue Sep 10 10:54:14 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA28166 for <aprssig@tapr.org>; Tue, 10
Sep 1996 10:54:12 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id LAA08385; Tue, 10 Sep 1996 11:53:27 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc801150.concentric.net [206.83.64.150])
     by cliff.cris.com (8.7.5)
     id LAA07233; Tue, 10 Sep 1996 11:54:07 -0400 (EDT)
Message-ID: <3235AB3C.731C@cris.com>
Date: Tue, 10 Sep 1996 10:54:04 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4574] SKYWARN PART 2
References: <199609101356.IAA30192@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:
>
> First, Thanks for all the replies to the original message, both on the sig
> and private.
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> Please allow me my replies:
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> been implemented yet, that there can't be a shared freq that can handle
> more than one "dedicated" network. I've seen and read the messages about
> "TexNet" and "WX1, WX2...." and I think we're all hitting on the same
> thing but need a forum to discuss this in detail. Any suggestions? (I vote
> against another sig!) What happened to the APRS conference idea?
>

> Again, thanks for all the sugestions and ideas! Keep them coming!
>
> 73
> --
> J. Scott Ratchford - KC5JGV - Marshall, Arkansas
> * North Arkansas Amateur Radio Society, Inc.
> * Marshall Volunteer Fire Dept./EMS First Responder
> * Calf Creek Lodge #426
> * E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

O yes Daniel there is a very good reason to have that type of service on it's own frequency, you must not have read my message very well. There are very good reasons not to share freq's with Skywarn, Ares, Races, etc. Already i have seen messages saying that there's no reason for APRS users to be having local keyboard sessions, that Skywarn is a more important service etc, etc. I agree as much as any ham i sure would that Skywarn and all the other related services are great for what they do, i myself am very involved in this service and that's why i'm saying it will never work sharing the frequency with other APRS users, not if you are planning on such a service to grow. Skywarn or Races or Ares etc cannot expect those users that have been here to make APRS grow to what it is today to get off or even co-exist with those services, because i already see a trend for those groups to take over and use the network that others have built up over time for just that service and kick off the person (Later) that did all the hard work. Again i'm not flaming, let me make this clear to those that are ready hands on the keyboard and waiting to flame me. Just my opinion again!.

--

                \////
                (0 0)
           --o0-(_)-0o--
           wa8inz@amsat.org
           wa8inz@cris.com
     Check out my A.P.R.S Web Page.
   THANKS TO THOSE MENTOR VOLENTEERS
  Also check out my WA8INZ Home page.

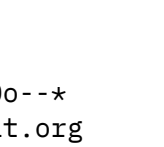
   http://www.concentric.net/~wa8inz

From wa8inz@cris.com Tue Sep 10 11:00:42 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA28688 for <aprssig@tapr.org>; Tue, 10 Sep 1996 11:00:39 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id LAA09004; Tue, 10 Sep 1996 11:59:53 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc801150.concentric.net [206.83.64.150])
     by cliff.cris.com (8.7.5)
     id MAA08624; Tue, 10 Sep 1996 12:00:34 -0400 (EDT)
Message-ID: <3235ACBF.3FBA@cris.com>
Date: Tue, 10 Sep 1996 11:00:31 -0700

From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4576] APRS Quake monitoring system
References: <Pine.GSO.3.95.960910103909.8502A-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>
>
>   KJ6BU advises an article in the Amateur Scientist column of May
> 1996 Scientific American discusses the growing interest in monitoring
> RF at the 0.1 to 10 Hz range for detecting earthquakes (at about 4 Hz).
> Just hook the output of a 2 foot long rod wound with 50,000 turns of
> #30 magnet wire to your sound blaster card via a pre-amp and you
> can collect this data. What is needed is a mechanism for distributing
> this data. KJ6BU suggests APRS (the Automatic Position Reporting
> System which is an amateur radio position reporting network all over
> California... and elsewhere).
>
>   My reply is that the raw data at 20 samples per second with
an-------------------------- SNIP SNIP ---------------------------------

Another excelent reason for that type of service to have it's own frequency.
can you imagine all this on 145.790, I can't.

--


wa8inz@amsat.org
wa8inz@cris.com
Check out my A.P.R.S Web Page.
THANKS TO THOSE MENTOR VOLENTEERS
Also check out my WA8INZ Home page.

http://www.concentric.net/~wa8inz

From cbuttsch@slonet.org Tue Sep 10 11:10:23 1996
Received: from spork.callamer.com (cbuttsch@spork.callamer.com [199.74.141.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA29179 for <aprssig@tapr.org>; Tue, 10
Sep 1996 11:10:18 -0500 (CDT)
Received: from localhost (cbuttsch@localhost) by spork.callamer.com (8.7.5/8.7.3)
with SMTP id JAA18550; Tue, 10 Sep 1996 09:06:49 -0700 (PDT)
Date: Tue, 10 Sep 1996 09:06:48 -0700 (PDT)
From: Clifford Buttschardt <cbuttsch@slonet.org>
X-Sender: cbuttsch@spork.callamer.com
To: aprssig@tapr.org
cc: Bill Lake <wlake@silcom.com>
Subject: Re: [APRSSIG:4576] APRS Quake monitoring system

In-Reply-To: <Pine.GSO.3.95.960910103909.8502A-100000@arctic>
Message-ID: <Pine.GSO.3.95.960910090216.17651A-100000@spork.callamer.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Now this is something that I think we in Central California could be
interested in! I am in Morro Bay some 80 miles from Ojai and WB6RIJ in
Santa Barbara some thirty miles. The "rod" antennas are constructed per
Scientific Amnerican. The big problem is no two meter path whatever.
Interesting idea tho! Cliff Buttschardt K7RR
On Tue, 10 Sep 1996, Bob Bruninga wrote:

>
>   KJ6BU advises an article in the Amateur Scientist column of May
> 1996 Scientific American discusses the growing interest in monitoring
> RF at the 0.1 to 10 Hz range for detecting earthquakes (at about 4 Hz).
> Just hook the output of a 2 foot long rod wound with 50,000 turns of
> #30 magnet wire to your sound blaster card via a pre-amp and you
> can collect this data. What is needed is a mechanism for distributing
> this data. KJ6BU suggests APRS (the Automatic Position Reporting
> System which is an amateur radio position reporting network all over
> California... and elsewhere).
>
>   My reply is that the raw data at 20 samples per second with an
> 8 bit A/D would require almost 20 bytes per second which would
> saturate an APRS net. If, however, you did a FFT of the raw data
> and continuously averaged the background noise level, then you
> could set a "threshold" that would only transmit data when an
> event or signal exceeded that threshold, say by 5%. The last CA
> earthquake reportedly produced a signal 300 times the background
> level... Periodically, say once every 15 minutes, you would send one
> packet showing your background noise level. A packet would consist
> of just 40 bytes, each byte representing the magnitude of energy
> detected in each 0.25 Hz bin of the FFT. APRS would plot these
> reports on the map.
>
>   I think that The Sproul Bros and I would be happy to make some
> kind of symbol so that would display these magnitudes on the map,
> either as color (red being big!) or as vertical BAR graphs at each
> location. If you used your mouse cursor to select any station, then
> the full FFT data for that station would be displayed.
>
>   Also, it would be easy to adapt a MIM telemetry module to do all of
> the A/D and FFT and data computation and packetizing. ALl you would need
> to do is hook up the rod antenna and preamp to a MIM and a tiny
> 2 meter radio. This way, you could put the whole thing out in the
> woods (Away from 60 Hz and manmade interference!) and run it on
> solar power!
>
>   KJ6BU left me no EMAIL address but his phone number is (805)
> 649-5412 in Ojai, CA 93023. The Article referenced this web site:
> http://www.thesphere.com/SAS. There was a REPLY address on this
> project as seismo@sas.org.

>
> If anyone wants to take this ball and run with it, go for it! We need a
> consensus on the data rate. If the filtered data can be reduced to
> a background level of about 1 packet every 15 minuntes or so, and maybe
> a peak of 10 times that during thunderstorms, then I dont think any APRS
> net would mind a 100 times or higher data rate when a REAL earthquake was
> detected. Remember, this signal PRECEEDS the quake!
>
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>
>

From garnold@naples.net Tue Sep 10 11:19:58 1996
Received: from gator.naples.net (root@gator.naples.net [205.160.191.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA29782 for <aprssig@tapr.org>; Tue, 10
Sep 1996 11:19:53 -0500 (CDT)
Received: from port17.annex1.naples.net (port17.annex1.naples.net
[205.160.191.112]) by gator.naples.net (8.7.3/8.6.12) with SMTP id MAA06680 for
<aprssig@tapr.org>; Tue, 10 Sep 1996 12:23:29 -0400 (EDT)
Message-ID: <3235F7C1.1F36@naples.net>
Date: Tue, 10 Sep 1996 16:20:33 -0700
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4574] SKYWARN PART 2
References: <199609101356.IAA30192@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:
>
> First, Thanks for all the replies to the original message, both on the sig
> and private.
>
> There are several very intersting idea out there that should be reviewed.
> Please allow me my replies:
>
> Here is a quote from the March 1995 issue of QST, p. 114.
>
> "This goal of this Special Interest Group (SIG) is to provide a forum for
> people interested in APRS so that they can ask questions, compare notes
> and exchange ideas. They'll discuss things pertaining to APRS, such as
> GPS, GPS units, applications of GPS and APRS (eg, automatic
> weather-reporting APRS used by hams who report the progress of hurricanes
> to the National Weather Service Hurricane Information Center in Miami),
> using APRS in public events like bike-athons, and in emergencies."
>

> I have always concidered SKYWARN as an emergency service that we volunteer
> for. I've also always looked at APRS as a potential tool for use in
> SKYWARN. Let me let you in on another little secret while we're on this
> subject. According to the NWS in Little Rock, Doppler radar has an
> effective tornatic detection radius of only 80 miles! Case in point: the
> F5 tornado in Ft. Smith in which neither NWS office in Little Rock nor
> Tulsa were able to detect and warn those people. There was NO "offical"
> warning! However, there were several hams spotting WELL in advance! The
> doppler radar in Little Rock is also placed at a LOWER elevation that I am
> here and we have serval mountains in between us! They have admitted that
> the radar cannot "see" below 10,000 feet in this area. That is just the
> way it is. I'm sure there are other simular areas around the country and
> people are unaware of the exact coverage. Go visit your local NWS office
> and see if they are able to observe the weather down to the 2,000 foot
> level. I';m not trying to beat down the system, that is not the goal here.
> I just wanted you to know that we rely too much on the doppler radar and
> take it for granted that it "sees" all! Not so. But that is why we still
> have the SKYWARN Nets and spotters like us. Again, I forsee APRS as a
> vital tool in that.
>
> Another reason I am bringing this to the forefront of the sig as well as
> looking for more ideas and suggestions, is that the fall storm season is
> forthcoming, not to mention the current peak of the hurricane season and
> all the spin-offs of those things once they make landfall. I'll be heading
> down to see the NWS after I get back from a a trip to NY state (APRS
> mobile trip fer sure!) and want to be armed to the hilt with all the
> answers to the questions that are going to arise. Imposible right!?
>
> As to separate freqs for the "important functions like ARES, RACES and
> SKYWARN" well I both agree and disagree. There is no reason that all the
> APRS stations must give or listen to a freq filled with SKYWARN (or other)
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> thing but need a forum to discuss this in detail. Any suggestions? (I vote
> against another sig!) What happened to the APRS conference idea?
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> Again, thanks for all the sugestions and ideas! Keep them coming!
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> 73
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> J. Scott Ratchford - KC5JGV - Marshall, Arkansas
> * North Arkansas Amateur Radio Society, Inc.
> * Marshall Volunteer Fire Dept./EMS First Responder
> * Calf Creek Lodge #426
> * E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

Weather events are not local incidents. As an Emergency Manager, I WANT
to know what's happening around me, because odds are the weather that is
hammering my neighbors will probably effect me in the very near future.
Case in point: winter cold fronts in Florida tend to be rather strong,
triggering severe weather with frontal passage. If I see severe weather

in the Tampa Bay area now, I can be fairly sure that in 3-5 hours, we will be getting the same thing. I can't rely on the next county west of me...it's in Texas, some 600 miles away! The closest radars are in Miami (100 miles east), Key West (100 miles south) and Ruskin (130 miles north).

In our business we try to educate people that hurricanes are not points on a map; they're huge weather generators that cover radii of hundreds of miles, areas of tens of thousands of square miles. Severe thunderstorms rarely are isolated events. They tend to travel in clusters, or along squall lines, with an impact on portions of, or entire states.

What is affecting Colorado now, will probably affect Missouri tomorrow, Ohio the day after and New England the following day. If you want a valid weather forecast for the weekend, look at what is happening 1000 miles west today.

SKYWARN use of APRS, like keyboard use, needs refinement. Minimal digi paths for crosstown keyboarding...longer paths and shorter QSO's for considerate use of the freq over longer distances...wide area, less frequent updates for severe weather, with expiration, so a short lived cluster of thunderstorms doesn't stay on the screen for two days after the event has ended...standards for tropical wx plots, that don't leave a storm sitting on a map in nine different locations over a week...

These are solvable "challenges." Frankly I'd rather see fresh updates where severe weather is 1000 miles away, than repeated spots of fixed stations that never move...but at least those fixed stations may move if the severe weather picks up the QTH and tosses it across town! I'd rather that wasn't my first clue that something was afoot!
--

Gary Arnold CEM
Coordinator, Collier County (FL) Emergency Management
garnold@naples.net
76656.2753@compuserve.com
[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "http://www.naples.net/govern/county/emrgmgt/zccem1.htm"
Personal page: "http://www.naples.net/govern/county/emrgmgt/garnold.htm"

"I went to a restaurant that serves 'breakfast at any time'. I ordered French Toast during the Renaissance."
           -- Steven Wright, perpipheral visionary

From kheyboer@pinegov.co.pinellas.fl.us Tue Sep 10 11:35:30 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA00757 for <aprssig@tapr.org>; Tue, 10 Sep 1996 11:35:27 -0500 (CDT)
Received: from none.compuserve.com by pinegov (SMI-8.6/SMI-SVR4)
     id HAA00656; Tue, 10 Sep 1996 07:33:52 -0400

Message-ID: <323598D7.62A8@co.pinellas.fl.us>
Date: Tue, 10 Sep 1996 12:35:35 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4574] SKYWARN PART 2
References: <199609101356.IAA30192@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:
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> effective tornatic detection radius of only 80 miles! Case in point: the
> F5 tornado in Ft. Smith in which neither NWS office in Little Rock nor
> Tulsa were able to detect and warn those people. There was NO "offical"
> warning! However, there were several hams spotting WELL in advance!

As this issue has been hotly debated on the WX-TALK special interest
group on the iternet, I think it is important to clarify something you
said....The NWS DID ISSUE A TORNADO WARNING FOR FT. SMITH ARKANSAS 15
MINUTES IN ADVANCE OF THE STRIKE...HOWEVER, the EMA office in Ft. Smith
never received the warning because the same storm knocked out the
telephone line carrying that warning. Too bad they didn't have a NOAA
Weather Radio with alert feature.....and one further point: The exact
same amount of damage would have occurred in Ft. Smith, even if the
warning sirens had been sounded. Of course, some lives might have been
saved....that is hard to know.
****
From: Kevin Heyboer   E-mail:kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail: KD4UYR @W4DPH.#CLW.FL.US
Assistant Emergency Coordinator and SKYWARN Coordinator
Greater Pinellas County (St Petersburg/Clearwater) Florida
****

From n8chb@juno.com Tue Sep 10 11:38:53 1996
Received: from x2.boston.juno.com (x2.boston.juno.com [205.231.101.21]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA00855 for <aprssig@tapr.org>; Tue, 10
Sep 1996 11:38:52 -0500 (CDT)
Received: (from n8chb@juno.com) by x2.boston.juno.com (queuemail)
     id MAA29311; Tue, 10 Sep 1996 12:38:49 EDT
To: aprssig@tapr.org
Date: Tue, 10 Sep 1996 16:37:14 PST
Subject: out of band on 10.151.5
Message-ID: <19960910.163715.10246.0.n8chb@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-6
From: n8chb@juno.com (Roger Breckon)

I made a typing error the correct url is
URL:http://prairie.lakes.com/~medcalf/ztx/tunehf.html

73

Roger n8chb

From bruninga@nadn.navy.mil Tue Sep 10 11:49:53 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA01720 for <aprssig@tapr.org>; Tue, 10 Sep 1996 11:49:47 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id MAA05875 for <aprssig@tapr.org>; Tue, 10 Sep 1996 12:54:47 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 10 Sep 1996 12:54:46 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS77b loaded
Message-ID: <Pine.GSO.3.95.960910125101.5339A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The following files were posted in tapr/SIG/aprssig/files/upload

aprs77b.zip 1.05 meg
76to77b.zip 660k
77to77b.zip 250k

Ver 77b: 77a had a bug that caused incorrect selection of the default response during a prompt. It was fixed and immediately re-relesed as 77b.
* New definitions of first POSIT character: (pending Sproul's agreement)
  / = TNC only   M = MacAPRS   X = Xaprs
  @ = APRSdos   W = WinAPRS   J = javAPRS
* JUST-TYPES command will display station TYPE (above) instead of symbol.
* Fixed WX fade-to-gray
* Fixed mouse to sleep problem
* Fixed ALT-BTEXT being forced to UCASE

Ver 77
* New MAPFIX27.EXE cleans up some minor old glitches!
* Fixed DAVIS bug with remote U-II's
* Contains new WX parsing scheme for Natl Huricane Center
* Can now set WX-METRIC for KPH and Celsius formats
* Consolidated Prompt code to one subroutine. Hopefully transparent
* alt-S-OTHER-REDRAW can now set period independent of BEACON rate
* Increased L/P lists to 6 pages by eliminating the cabability to
  accept long L-LIST lines (used to accept up to 120 chars with line wrap)
* Added SPCL-RUNNER symbol ([). Changed BBS/TCPIP to circles with B/I.
* RV'w now show up when you do a JUST-MOBILES on the map or P-LIST

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Tue Sep 10 12:11:55 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA03010 for <aprssig@tapr.org>; Tue, 10 Sep 1996 12:11:51 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id NAA09273 for <aprssig@tapr.org>; Tue, 10 Sep 1996 13:16:50 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 10 Sep 1996 13:16:49 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Concerning 10.151 LSB
In-Reply-To: <3.0b15.32.19960910102542.00691fb4@144.188.134.33>
Message-ID: <Pine.GSO.3.95.960910125956.5339D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This message is the periodic educational message we have to send out every few months to educate some HF operators how an SSB radio works. Unless your radio is broke or you are overdriving it badly, 10.151 LSB modulation with 1600/1800 HZ tones produces only two RF emissions at 10.151 (-) minus the tones. These are well within the band. The 40 dB width of these packets at 300 baud is less th 700 Hz. There is no carrier at 10.151. This is SSB, (suppressed carrier) remember.

If you want to prove this, tune in the guys at 10.151 LSB, and then ZEROBEAT their packets. Now read the dial. It should be 10.149.3. Dont be confused with the MARS stations operating at 10.153 LSB who occassionally have tones that zero beat at 10.151 or so...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From weather@xnet.com Tue Sep 10 12:20:04 1996
Received: from mail.xnet.com (flood.xnet.com [198.147.221.35]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA03547 for <aprssig@tapr.org>; Tue, 10 Sep 1996 12:20:03 -0500 (CDT)
Received: from weather.xnet.com by mail.xnet.com (8.7.5/XNet-2.1R) with SMTP id MAA05953 for <aprssig@tapr.org>; Tue, 10 Sep 1996 12:21:27 -0500 (CDT)
Date: Tue, 10 Sep 1996 12:21:27 -0500 (CDT)
Message-Id: <199609101721.MAA05953@mail.xnet.com>
X-Sender: weather@quake.xnet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Ron Malinowski, Jr." <weather@xnet.com>
Subject: DOSaprs site & Alinco DR-150

Hi Gang,
I had two quick questions, if you can help, i appreciate it.

1. Everyone seems to be talking about version 7.7 or 7.7a, whenever I goto

the tapr ftp site, they only have version 7.5c or something quite lower, is there a site where you can get the latest and greatest, I always thought TAPR, was the place to go, unless Im looking inthe wrong area.

2. I am looking for a radio to use in thecar for APRS, or maybe in the home for
packet, I am looking at the Alinco DR-150, for the fact, real mic jack, 3 power levels, and TOT, and another feature I think will do what I think is be able to monitor visually 6 other frequency to see if there is activity. This radio is ready for 9600 also, what I need though, is any complaints, recommendations, and the pin out of the microphone jack to KPC-3, so I can have a cable ready for
Peoria this year, first thing I plan to buy and get running in the car, also what type of power lead does it come with, is it the standard T-shape, \kinda spade type? I have existing Yaesu leads in the car think they might work.
Ron
weather@xnet.com

From tfleming@madison.tec.wi.us Tue Sep 10 13:07:08 1996
Received: from mail.madison.tec.wi.us (mail.madison.tec.wi.us [198.150.10.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA06088 for <aprssig@tapr.org>; Tue, 10 Sep 1996 13:07:04 -0500 (CDT)
Received: from [198.150.211.6] by mail.madison.tec.wi.us (8.6.12/4.03)
          id NAA18669; Tue, 10 Sep 1996 13:08:35 -0500
Date: Tue, 10 Sep 1996 13:08:35 -0500
Message-Id: <v01530505ae5b18a2ff2b@[198.150.211.6]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: tfleming@madison.tec.wi.us (Tom Fleming)
Subject: Re: [APRSSIG:4577] Mobile APRS-WX and GPS

>On Mon, 9 Sep 1996, Jon Brockmeier KB8SWB asked:
>
>> Is there a way using APRS with a computer, TNC, radio, GPS, UltiiMeter
>> weather equipment mount to a car, to report the position of the car and the
>> true weather conditions
>
Remember to add an electronic compass so you do not have to point the car the same direction every time.

Tom Fleming   Network Tech
Postmaster
Madison Area Tech College
(608) 246-6140
Internet:tfleming@madison.tec.wi.us
N9SZF
+-+
"To see tomorrow's PC, look at today's Macintosh." BYTE 10-1995
+-+

From jleonard@tbcnet.com Tue Sep 10 13:20:04 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA06934 for <aprssig@tapr.org>; Tue, 10 Sep 1996 13:20:02 -0500 (CDT)
Received: from PR153.tbcnet.com (PR153.tbcnet.com [207.112.227.53]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id NAA18208 for <aprssig@tapr.org>; Tue, 10 Sep 1996 13:20:02 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR153.tbcnet.com [207.112.227.53] didn't use HELO protocol
Message-Id: <1.5.4.32.19960910181914.006d7a58@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 10 Sep 1996 13:19:14 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:4580] Re: SKYWARN PART 2

At 10:58 9/10/96 -0500, you wrote:

> There are very good reasons not to share freq's with Skywarn, Ares, Races, etc.

Ok, what are they?

 Skywarn or
>Races or Ares etc cannot expect those users that have been here to make APRS
>grow to what it is today to get off or even co-exist with those services,
>because i already see a trend for those groups to take over and use the
>network that others have built up over time for just that service and kick off
>the person (Later) that did all the hard work.

The writer assumes that the system was set up for reasons other than Skywarn or other emergency services. In fact, in Northern IL, one of the reasons that APRS took off so well was in late winter of 95 (I think) at a meeting in the Rochelle EOC, Dupage Co/Multi-Co Severe Storm Warning System took a serious look at APRS as an adjunct to its existing methods of warning, having learned lessons from the Plainfield IL tornado in 90.

But what was initially a WX effort got diluted by the interest in GPS.

This is NOT to degrade GPS! It all attracts APRS users.

And what applies to No IL doesn't necessarily apply to AL, or Chicago, for that matter.

jbl

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
American Red Cross Disaster Services - DeKalb Co Chapter
DR444 DR157

From 0004818186@mcimail.com Tue Sep 10 15:02:28 1996
Received: from gatekeeper2.mcimail.com (gatekeeper2.mcimail.com [192.147.45.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA12001 for <aprssig@tapr.org>; Tue, 10 Sep 1996 15:02:26 -0500 (CDT)
Received: from mailgate2.mcimail.com (mailgate2.mcimail.com [166.40.135.23]) by gatekeeper2.mcimail.com (8.6.12/8.6.10) with SMTP id UAA07712; Tue, 10 Sep 1996 20:08:00 GMT
Received: from mcimail.com by mailgate2.mcimail.com id ab23564;
          10 Sep 96 20:02 WET
Date: Tue, 10 Sep 96 15:02 EST
From: Miami Network <0004818186@mcimail.com>
To: aprssig <aprssig@tapr.org>
Subject: APRS Station & Peet Wx Station
Message-Id: <32960910200223/0004818186NA3EM@MCIMAIL.COM>

Does anyone know if it is possible to have the TNC running at one speed say 4800 on one COM port and the Wx Station [Peet] on the other at 2400 bps.

At the time of sign on APRS asks for the speed of the TNC and I'm wondering if this speed is being set for both COM ports?

73, Seymour, KC4NMY

From mcinnis@austin.ibm.com Tue Sep 10 15:06:50 1996
Received: from netmail1.austin.ibm.com (netmail1.austin.ibm.com [129.35.208.96]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA12194 for <aprssig@tapr.org>; Tue, 10 Sep 1996 15:06:48 -0500 (CDT)
Received: from babe01.austin.ibm.com (babe01.austin.ibm.com [129.35.227.156]) by netmail1.austin.ibm.com (8.6.12/8.6.11) with SMTP id PAA21097 for <aprssig@tapr.org>; Tue, 10 Sep 1996 15:06:43 -0500
Received: by babe01.austin.ibm.com (AIX 4.1/UCB 5.64/4.03-client-2.6)
          for aprssig@tapr.org at austin.ibm.com; id AA17962; Tue, 10 Sep 1996 15:06:36 -0500
From: mcinnis@austin.ibm.com (McInnis)
Message-Id: <9609102006.AA17962@babe01.austin.ibm.com>
Subject: Re: [APRSSIG:4576] APRS Quake monitoring system
To: aprssig@tapr.org
Date: Tue, 10 Sep 1996 15:06:32 -0500 (CDT)
In-Reply-To: <Pine.GSO.3.95.960910103909.8502A-100000@arctic> from "Bob Bruninga" at Sep 10, 96 09:57:34 am

X-Mailer: ELM [version 2.4 PL25]
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>
>
>   KJ6BU advises an article in the Amateur Scientist column of May
> 1996 Scientific American discusses the growing interest in monitoring
> RF at the 0.1 to 10 Hz range for detecting earthquakes (at about 4 Hz).
> Just hook the output of a 2 foot long rod wound with 50,000 turns of
> #30 magnet wire to your sound blaster card via a pre-amp and you
> can collect this data. What is needed is a mechanism for distributing
> this data. KJ6BU suggests APRS (the Automatic Position Reporting
> System which is an amateur radio position reporting network all over
> California... and elsewhere).
>....

I didn't read the article, but in case they didn't cover this, this will probably do nasty things to your computer if you have a nearby lightning strike, due to the lightning currents inducing currents in the coil.

Of course, you'd want to be somewhat concerned about sending false alarms. (i.e. "Local Ham operators predict earthquake. Film at 11.") (Assuming the press screws up and reports the RF monitoring as earthquake prediction.)

The other idea that occurred to me is to hook up some sort of actual very simple "shake detector". Something with an object that can fall over when shaken, triggering a switch closure, etc. The idea would be that if one station "shakes", ignore it, it's probably the cat. If 40 different APRS stations report "shakes" within a few minutes, something is probably happening and you'd know the area involved. (Or there's a widespread cat conspiracy in progress.)

You could also do something by having some sort of "heartbeat" system. Each APRS station (with or without a "shaker") would periodically transmit a "I'm OK" signal. You'd need to have APRS check and report that a station that transmitted before has stopped transmitting in some predefined time period. (e.g. Transmitted withing the last hour but not within the last 5 minutes.)

If a large percentage of the APRS stations in an area suddenly stop transmitting, you have something happening, like a change in propogation, a power outage, or something serious. This could be helpful in an emergency to tell you what areas are affected by earthquakes, power outages, floods, etc.

You could also have these "heartbeat" stations have some sort of human enterable status indication, e.g. "0-normal 1-noticable affects (I felt the ground shake) 2-mild effects (some damage, but I'm OK)... 6-I'm abandoning my position 7-send help, people are dieing... You'd probably want to keep the number of different status indicators small, but you

could also allow a text message to be attached.

This would require that you have enough APRS stations around to make
the data meaningful.

--
Mickey McInnis - mcinnis@austin.ibm.com
--
All opinions expressed are my own opinions, not my company's opinions.

From billh@netins.net Tue Sep 10 17:40:21 1996
Received: from worf.netins.net (root@worf.netins.net [167.142.225.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA17476 for <aprssig@tapr.org>; Tue, 10 Sep 1996
17:40:19 -0500 (CDT)
Received: from 199.120.94.93 (elrg-01-28.dialup.netins.net [199.120.94.93]) by
worf.netins.net (8.8.Beta.1/8.8.Beta.1) with SMTP id RAA13110 for
<aprssig@tapr.org>; Tue, 10 Sep 1996 17:40:12 -0500 (CDT)
Message-ID: <3235EE6F.76FD@netins.net>
Date: Tue, 10 Sep 1996 22:40:47 +0000
From: "John W.(Bill) Hays" <billh@netins.net>
Reply-To: billh@netins.net
Organization: INS Info Services, Des Moines, IA, USA
X-Mailer: Mozilla 2.0 (Macintosh; U; 68K)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: SKYWARN PART 2
References: <1.5.4.32.19960910181914.006d7a58@tbcnet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John B. Leonard, Jr wrote:
> In fact, in Northern IL, one of the reasons
> that APRS took off so well was in late winter of 95 (I think) at a meeting
> in the Rochelle EOC, Dupage Co/Multi-Co Severe Storm Warning System took a
> serious look at APRS as an adjunct to its existing methods of warning,
> having learned lessons from the Plainfield IL tornado in 90.
>
> But what was initially a WX effort got diluted by the interest in GPS.
>
> This is NOT to degrade GPS! It all attracts APRS users.
>
> And what applies to No IL doesn't necessarily apply to AL, or Chicago, for
> that matter.
>
> jbl
>
> ---
> J Barry Leonard/N9VJQ
> DeKalb IL
> E-MAIL: jleonard@tbcnet.com
> WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
> American Red Cross Disaster Services - DeKalb Co Chapter
> DR444 DR157

I concur. WX spotting AND GPS together gave the impetus to get
APRS going in Quad Cities Iowa/Illinois.
73,
Bill

From N2ZRC@gnn.com Tue Sep 10 17:51:01 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA17810 for
<APRSSIG@tapr.org>; Tue, 10 Sep 1996 17:50:59 -0500 (CDT)
Received: from 51-33.client.gnn.com. (51-33.client.gnn.com [205.188.51.33]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id SAA25834 for
<APRSSIG@tapr.org>; Tue, 10 Sep 1996 18:50:05 -0400 (EDT)
Message-Id: <199609102250.SAA25834@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 10 Sep 1996 18:50:02
From: Arte Booten <N2ZRC@gnn.com>
To: APRSSIG@tapr.org
Subject: WA2JNF-4 (Brooklyn NY) down

Hi all,

     This morning I looked at APRS and found Stu's WIDE-RELAY
(WA2JNF-4) station was apparently down. I'm trying to get in
touch with him in case he's unaware of it. In the meantime, I
have set my KPC-3 with an MYAlias of WIDE and MYNode of RELAY.
I expect this to be a temporary situation and my BText reflects
this.

     Unfortunately, I do not hear as well as Stu (my antenna is
on the roof at 80' HAAT, his is on a tower 200' HAAT!) None-
theless, I'll see what I can do. As of now, my digipath is:
W2HPM,WIDE,WIDE which will lead stuff more into the northeast
than towards the south. Any suggestions on this would be ap-
preciated. 73

               Arte Booten <N2ZRC@gnn.com>
 (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
  [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From n2czf@magg.net Tue Sep 10 17:53:26 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA17872; Tue, 10 Sep 1996 17:53:22 -0500 (CDT)
Received: from Cybergate (wpb-103.magg.net [205.218.112.103]) by grumpy.magg.net
(8.7.5/8.7.3) with SMTP id SAA00123; Tue, 10 Sep 1996 18:53:18 -0400
Message-Id: <199609102253.SAA00123@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 09 Sep 1996 22:53:28 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: NHC News Report and APRS
Cc: aprs-fl@tapr.org

Well as usual when a storm hits or is about to hit the 6pm news interviews a ham with radios in the background.
Tonight was not different with Hortense on it's way but what was different is that the report was done at the National Hurricane Center in Mi ami. Nice fancy Yaseu station decked out to the max, even a Yaseu clock! hi hi.
After all the chit chat as they were panning to the internet corner right next to the ham station.. wait! what was that.. yes it is a APRS screen! A momentary blast past what seemed to be 2 monitors with APRS on it! Sure was a shame that no one spoke about it to the media, would have been a great opportunity but I do not know if they were interested or not. It was only 1-2 seconds but to the "trained APRS eye" the screens did not seem to show anything on the map! Oh well yesterday was the peak of the Hurricane season, maybe we will get another opportunity soon.

73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net (E-Mail)
http://www.magg.net/~n2czf (Personal)
http://www.magg.net/~n2czf/aprs.html (Florida APRS)
http://www.magg.net/~n2czf/brothers.html (Brothers to the Rescue Human Rights Group)

From z004391b@bcfreenet.seflin.lib.fl.us Tue Sep 10 17:59:13 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA18003 for <aprssig@tapr.org>; Tue, 10 Sep 1996 17:59:11 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id SAA05597; Tue, 10 Sep 1996 18:58:30 -0400
Date: Tue, 10 Sep 1996 18:58:29 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:4530] Re: Burned by PK-12 again!
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <3233E3AA.4055@tir.com>
Message-ID: <Pine.3.89.9609101820.A2031-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We went through this at the Hurricane Center at Miami with their PK12. There is a command, besides headerln, that needs to be set, and it deals with TAPR style BBS messeges. The command is BBSMSGS, if I remember, and it must be in the OFF state, I think. Also, remember to have MON set to 4 and nothing higher. The extra characters interfere with the APRS style

packets.
73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sun, 8 Sep 1996, Roger Breckon wrote:

> Bob Bruninga wrote:
> >
> > Visiting a new station (also the 1st station on the air in a new city), I
> > drove to his DRIVEWAY and he still couldnt see me! We pulled our hair
> > out, and his rig would hear otehr stations but ignore my packets.
> >
> > How soon we forget.....   I finally remembered that the stupid PK-12
> > (older version) does *NOT* display packets that it itself digipeats!
> > (Is this still true? How about other AEA products???)
> >
> > So of course, his station had the alias of RELAY, and sicne he was the
> > only one in town, I was transmitting via RELAY...   ERGO the
> > PK-12 digipeated my packets but never passed them along to the PC!
> >
> > I was in a rush to meet family committments, but we couldnt find the
> > command in the manuual before I had to leave. But ther is a command in
> > the PK-12 so that it will monitor packets that it digipeats, too bad it
> > defaults to OFF!!!
> >
> > Reply mail addr: wb4apr@amsat.org
> > See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
> ==
> Bob,
>
> I have a 88 card and a pk900 and don't believe they will print to the
> screen digipeated packets.
> All I see is my rig s red tx lamp go on. Not real cool!
> If anyone does know how to do this please let me know?
>
> 73,
>
> Roger n8chb
>

From wa4dsy@wa4dsy.radio.org Tue Sep 10 18:15:47 1996
Received: from wa4mei.radio.org (wa4mei.radio.org [206.28.192.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA18638 for <aprssig@tapr.org>; Tue, 10 Sep 1996
18:15:45 -0500 (CDT)
Received: by wa4mei.radio.org (/\==/\ Smail3.1.28.1 #28.8)
        id <m0v0c1r-0001M3C@wa4mei.radio.org>; Tue, 10 Sep 96 19:15 EDT
Message-Id: <m0v0c1r-0001M3C@wa4mei.radio.org>
Date: Tue, 10 Sep 96 19:15:33 EDT

From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: Re: [APRSSIG:4576] APRS Quake monitoring system

On Tue, 10 Sep 1996 09:57:34 -0500 (CDT) you wrote:

>
>   KJ6BU advises an article in the Amateur Scientist column of May
>1996 Scientific American discusses the growing interest in monitoring
>RF at the 0.1 to 10 Hz range for detecting earthquakes (at about 4 Hz).
>Just hook the output of a 2 foot long rod wound with 50,000 turns of
>#30 magnet wire to your sound blaster card via a pre-amp and you
>can collect this data. What is needed is a mechanism for distributing
>this data. KJ6BU suggests APRS (the Automatic Position Reporting
>System which is an amateur radio position reporting network all over
>California... and elsewhere).

Before you get all excited about an automatic earthquake early
warning system you should read this quote from the article.

Quote:

"The idea that low-frequency electromagnetic waves could be precursors
to temblors remains controversial. Not all earthquakes release telltail
electromagnetic signals before striking., and many reasearchers consider
the data statistically unconvincing.

Amateur scientists might be able to contribute to this debate with the
easy-to-build detector described here. If the low-frequency electromagnetic
waves really do preceed earthquakes, this device will detect them."

End Quote

So, the theory behind AQRS (auotmatic quake reporting system) hasn't
even been proven yet although APRS could play a role in determing
it's validity.

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - http://www.wa4dsy.radio.org
This message brought to you by OS/2 Warp Connect.

From wd5ivd@tapr.org Tue Sep 10 18:16:14 1996
Received: (from wd5ivd@localhost) by tapr.org (8.7.5/8.7.3/1.9) id SAA18677; Tue,
10 Sep 1996 18:16:13 -0500 (CDT)

From: Greg Jones <wd5ivd@tapr.org>
Message-Id: <199609102316.SAA18677@tapr.org>
Subject: GPS_20 Update
To: aprssig@tapr.org (BBS SIG mailing), tapr-bb@tapr.org (TAPR-BB mailing)
Date: Tue, 10 Sep 1996 18:16:12 -0500 (CDT)
Cc: ka5dwr@tapr.org (Dorothy Jones)
X-Mailer: ELM [version 2.4 PL25]
Content-Type: text

We are beginning to start the process of ordering the GPS-20 from Gramin.

As of today -- we have 75 of the 100 orders required. That leaves TAPR with an additional 25 units to offer.

We plan on shipping shortly after the DCC, since the power connectors and coax are due in the first of October.

If the Garmin units arrive before the DCC, we will plan on bringing a few to the conference to sale and plan on shipping the coax and connectors after the conf. For those that just can;t wait for their unit.

If you want to pickup your unit, minus the coax and power connector, be sure to let Dorothy know before hand so we can plan on having your unit there...this is all based on Garmin getting us the units before we leave for the conference. We will then ship the coax and power connector to you after the conference when they arrive.

Cheers - Greg

From lcb911@apex2000.net Tue Sep 10 18:38:02 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA19743 for <aprssig@tapr.org>; Tue, 10 Sep 1996 18:37:57 -0500 (CDT)
Received: from [207.18.66.105] by starone.apex2000.net (NTMail 3.01.03) id va039593; Tue, 10 Sep 1996 18:40:14 -0500
Message-Id: <1.5.4.16.19960910183754.1c47a6d2@apex2000.net>
X-Sender: lcb911@apex2000.net
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: Re: [APRSSIG:4591] APRS Station & Peet Wx Station
Date: Tue, 10 Sep 1996 18:40:14 -0500

At 03:12 PM 9/10/96 -0500, you wrote:
>Does anyone know if it is possible to have the TNC running at one speed say 4800
>on one COM port and the Wx Station [Peet] on the other at 2400 bps.
>
>At the time of sign on APRS asks for the speed of the TNC and I'm wondering if
>this speed is being set for both COM ports?
>

>
>73, Seymour, KC4NMY
>

Seymour,

The TNC baud rate is just that - only the tnc. Your Peet Wx station spits
out data a 2400 baud - it's not adjustable by the user. Unless you run your
tnc at 2400 baud (to the computer) the two com ports are always set for
different baud rates.

73 de Les/N5KOA

From dkaszubski@why.net Tue Sep 10 18:57:59 1996
Received: from where.why.net (where.why.net [205.240.252.21]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA21205 for <aprssig@tapr.org>; Tue, 10 Sep 1996
18:57:58 -0500 (CDT)
Received: from 2.liv3.arl.why.net ([206.160.169.204]) by where.why.net
          (post.office MTA v2.0 0813 ID# 0-11525) with SMTP id AAA281
          for <aprssig@tapr.org>; Tue, 10 Sep 1996 18:56:31 -0500
Message-ID: <32361C91.56E0@why.net>
Date: Tue, 10 Sep 1996 18:57:37 -0700
From: dkaszubski@why.net (dkaszubski)
Organization: The Why? Network
X-Mailer: Mozilla 2.02 (Win95; I; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4578] Re: Rock Bound GATE Radio
References: <Pine.GSO.3.95.960910110630.8502H-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>
> On Tue, 10 Sep 1996, David Wells wrote:
>
> > >It's a Motorola Model L70SGC1180BM, looks like a Micor mobile unit
> > >stuffed into a big (6h x 18w x 24d) case with a power supply, speaker,
> > >and all the usual front panel controls. This one is a 12 channel with an
> > >
> > Can you get the spec's on the sideband offset xtal and obtain another one
> > that will place it on LSB?
>
> APRSdos REPLY/COMMENT: You cant change it to LSB that simply. Why
> bother? Just use USB and tune twice the value of your TNC tones lower.
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

That's what I'm going to do. Been operating with another rig on 10.1476
USB for a while and it works fine.
Thanks for the help!

--
Dave Kaszubski   WB3FYV
dkaszubski@why.net   also: ustuia6v@ibmmail.com
Benbrook, Texas N 32 40.319'   W 097 26.844'

President of the   Texas Utilities Amateur Radio Club,
                        Comanche Peak Chapter
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society
Still experimenting with APRS...
http://users.why.net/dkaszubski/

From TonyDrumm@ibm.net Tue Sep 10 21:13:02 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA26632 for <aprssig@tapr.org>; Tue,
10 Sep 1996 21:12:54 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
CAA220580 for <aprssig@tapr.org>; Wed, 11 Sep 1996 02:12:44 GMT
Message-Id: <199609110212.CAA220580@smtp-gw01.ny.us.ibm.net>
Received: from slip166-72-88-85.mn.us.ibm.net(166.72.88.85) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)
     id smaQ0AGzR; Wed Sep 11 02:12:31 1996
X-Sender: usinet.aa0sm@pop03.ca.us.ibm.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 10 Sep 1996 21:19:15 -0500
To: aprssig@tapr.org
From: TonyDrumm@ibm.net (Tony Drumm)
Subject: TNC digi methods Was: Update APRS L3 (TexNet)

>Yes, I think using the SSID as a hop counter makes sense. I have been
snipped

Along similar lines...

Last night we had a big band opening in the upper midwest. I noticed lots
of DX on my mobile voice radio, so when I got home, I started up the station
computer. I've been running my WX station using the TNC w/o computer via
the GPS mode. Wow! Lots of stations from IA, WI, IL, MO heard here in
southeast MN. Many I would hear on the first digi. Some I heard direct.
BTW, I think APRS lies sometimes on the DIGI page - it often shows gated
stations as heard direct (asterisk by the station name) that I know can't
be. And, I saw some of the initial packets for a few stations that I did
not hear direct but they also got the asterisk. Not consistent, though.

Anyway, when we have an opening, and even occassionally when we just have
above average propagation, what I wish I knew was the real id of the WIDE
that I'm hearing. It would be useful if the digipeater, when resending
something through its alias ID, could replace that alias with its true ID.
This would help those trying to figure out how a packet got here and would
also make it easy for a TNC to avoid resending a packet it has already
digipeated. I don't know how feasible this would be - any CRC info would

have to be regenerated. But it would be nice...

73.
Tony Drumm
ARS AA0SM

From amirault@laraby.tiac.net Tue Sep 10 21:25:40 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA26976 for <aprssig@tapr.org>; Tue, 10 Sep 1996 21:25:36 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id WAA05364; Tue, 10 Sep 1996 22:29:16 -0400
Date: Tue, 10 Sep 1996 22:29:16 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: comments Version 77 aprs
In-Reply-To: <199609100604.XAA02980@dfw-ix1.ix.netcom.com>
Message-ID: <Pine.BSF.3.91.960910222552.5264A-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Sep 1996, Don Murray wrote:

> I think what had me puzzled was the mixed upper and lower case.. Not a big
> deal by any means, just something that I had noticed.. Think your doing and
> excellent job, and by all means keep up the good work..
>
> Don
(snip)
> > > I have noticed on ver 7.7 mixed upper/lower case in the Wx beacon
> > > My station is showing the following after the normal location info
> > > _289/000/T076/R000p000b0107h00g000U2k
(snip)
> > APRSdos REPLY/COMMENT: That is the new WX format. Lower case separators
> > to make room for a 4 digit baro and the wind GUST field...

Is this new WX format compatable with AutoWX???? There is an AutoWX user
near me reporting "strange readings".... haven't been over to see just
what he means as yet.

Richard Amirault   N1JDU   Boston, Massachusetts USA
amirault@tiac.net   "Go Fly A Kite"

From truxenia@erinet.com Tue Sep 10 22:12:10 1996
Received: from eri.erinet.com (root@eri.erinet.com [198.6.245.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA28505 for <aprssig@tapr.org>; Tue, 10 Sep 1996 22:12:07 -0500 (CDT)
Received: from truxenia by eri.erinet.com (8.6.12/EriNet)
     id XAA03788; Tue, 10 Sep 1996 23:11:46 -0400
Message-Id: <199609110311.XAA03788@eri.erinet.com>
From: "Truman Boerkoel" <truxenia@erinet.com>
To: "Sig APRS" <aprssig@tapr.org>
Subject: Dayton HamVention Home Page

Date: Tue, 10 Sep 1996 23:11:35 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hard to believe that the folks at Dayton are already making their
plans for the HamVention 1997. However, if you don't get your
room reservations in before the first of the year, you may have
trouble finding lodging.

Check out their home page for details at
http://www.hamvention.org

Vry 73 de Tru K8JUG

From KSwaggart@aol.com Tue Sep 10 22:23:27 1996
Received: from emout06.mail.aol.com (emout06.mx.aol.com [198.81.11.97]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA28869 for <aprssig@tapr.org>; Tue, 10
Sep 1996 22:23:25 -0500 (CDT)
From: KSwaggart@aol.com
Received: by emout06.mail.aol.com (8.6.12/8.6.12) id XAA05451 for
aprssig@tapr.org; Tue, 10 Sep 1996 23:22:49 -0400
Date: Tue, 10 Sep 1996 23:22:49 -0400
Message-ID: <960910232248_305682268@emout06.mail.aol.com>
To: aprssig@tapr.org
Subject: Baja, Mex, & CentAm maps

I've uploaded BajaMaps.zip and .txt to
tapr.org:/tapr/SIG/aprssig/files/upload

This file contains Maplist.MX and maps from San Diego to the Panama Canal,
most at the 256 mile scale. They were created to support Rick, KN6KB, on his
upcoming trip from San Francisco to Miami via the canal, and any other APRS
/MM operations in that area.

Countries covered include: Mexico (Pacific coast), Honduras, El Salvador,
Nicaragua, Costa Rica, Belize, and Panama.

These maps were created from 1:2,000,000 scale aeronautical Jet Navigation
Charts (JNC), and concentrate primarily on the Pacific coastal areas. Some
Caribbean coverage from the canal up to the Yucatan is also included. The
JNCs are Lambert Conformal type projections, so some errors will exist but
I've have tried to minimize them.

Using pkunzip -dn will put the new MAPLIST.MX and the maps in their proper
directories.

73, Ken, W7KKE
kswaggart@aol.com

From james-m@ix.netcom.com Tue Sep 10 22:29:18 1996
Received: from dfw-ix10.ix.netcom.com (dfw-ix10.ix.netcom.com [206.214.98.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA29010 for <aprssig@tapr.org>; Tue, 10 Sep 1996 22:29:15 -0500 (CDT)
Received: from #james-m (sav-ga1-13.ix.netcom.com [205.184.8.45]) by dfw-ix10.ix.netcom.com (8.6.13/8.6.12) with ESMTP id UAA04492 for <aprssig@tapr.org>; Tue, 10 Sep 1996 20:28:40 -0700
Message-Id: <199609110328.UAA04492@dfw-ix10.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: Yet another possibly stupid question
Date: Tue, 10 Sep 1996 23:28:34 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

What are the consequences if any of ignoring the "Com buffer overflow error" that occasionally pop up from time to time. I have had these error occur with a 386laptop, a compaq 386, a packard bell 486, an Acer pentium computer. More often on the 386's but they have occurred on the pentium also.. What happen if I choose to simply ignore the error message??

Thanks in advance..
Don

From kc4zgq@ix.netcom.com Tue Sep 10 22:38:33 1996
Received: from dfw-ix7.ix.netcom.com (dfw-ix7.ix.netcom.com [206.214.98.7]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA29303 for <aprssig@tapr.org>; Tue, 10 Sep 1996 22:38:29 -0500 (CDT)
Received: from (kc4zgq@mac-ga3-19.ix.netcom.com [198.211.139.83]) by dfw-ix7.ix.netcom.com (8.6.13/8.6.12) with SMTP id UAA21296 for <aprssig@tapr.org>; Tue, 10 Sep 1996 20:37:48 -0700
Date: Tue, 10 Sep 1996 20:37:48 -0700
Message-Id: <199609110337.UAA21296@dfw-ix7.ix.netcom.com>
From: kc4zgq@ix.netcom.com (JOHN F. KRAUS II)
Subject: Macon digi
To: aprssig@tapr.org

I feel that I owe Ralph a public apology.
While I feel that his comments concerning the macon digi were inapropriate. My response should have been direct to him rather than via the sig. He has replied privatly and I have answered. Maybe some good will come of it in the end.

73 KC4ZGQ JOHN F KRAUS II <KC4ZGQ@IX.NETCOM.COM>

From kb8pff@juno.com Wed Sep 11 01:17:24 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA11121 for <aprssig@tapr.org>; Wed, 11

Sep 1996 01:17:22 -0500 (CDT)
Received: (from kb8pff@juno.com) by x9.boston.juno.com (queuemail)
     id BAA09977; Wed, 11 Sep 1996 01:44:20 EDT
To: aprssig@tapr.org
Subject: Upgrading APRS 7.3d to 7.7 HELP!
Message-ID: <19960911.002325.4839.1.kb8pff@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1,3-13
From: kb8pff@juno.com (John E Santmire)
Date: Wed, 11 Sep 1996 01:44:20 EDT

Looking for some help,   I haven't upgraded my APRS in sometime and
want to go from APRS 7.3d
to 7.7   I have downloaded the 7.7 and just tried to copy the
"aprs77.exe" into my aprs dir. when I tried
to run it I got the following on my screen.

CAN'T FIND MAPS!
STOP IN LINE 0 OF MODULE APRS76W AT ADDRESS 059F:6C79

What is the best way to upgrade to 7.7 from 7.3d

kb8pff@juno.com   A REGISTERED USER!
  4103.49N
08338.71W

From epdkr@hurricane.net Wed Sep 11 03:24:53 1996
Received: from wind.hurricane.net (root@wind.hurricane.net [199.217.78.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA13825 for <aprssig@tapr.org>; Wed, 11
Sep 1996 03:24:51 -0500 (CDT)
Received: from default (ip-brm-60.hurricane.net [199.217.78.160]) by
wind.hurricane.net (8.7.4/8.6.12) with ESMTP id BAA28226 for <aprssig@tapr.org>;
Wed, 11 Sep 1996 01:14:33 -0700 (PDT)
Message-Id: <199609110814.BAA28226@wind.hurricane.net>
From: "Tom Devine" <epdkr@hurricane.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4605] Yet another possibly stupid question
Date: Wed, 11 Sep 1996 01:24:00 -0700
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Don Murray <james-m@ix.netcom.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:4605] Yet another possibly stupid question
> Date: Tuesday, September 10, 1996 8:40 PM
>

> What are the consequences if any of ignoring the "Com buffer overflow
> error" that occasionally pop up from time to time. I have had these
error
> occur with a 386laptop, a compaq 386, a packard bell 486, an Acer pentium
> computer. More often on the 386's but they have occurred on the pentium
> also.. What happen if I choose to simply ignore the error message??

One draw back is you lose data! In a Windows 3.1xx versions where DOS is
active, you can
increase the com buffers.... try that- if you still having trouble slow the
port down, i.e., go from say 9600 baud to 4800, etc.

This may help or may not-

Also consider upgrading you I/O board to include a better UART chip...

73 Tom

From gwyn@paccomm.com Wed Sep 11 06:34:13 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id GAA17743 for <aprssig@tapr.org>; Wed, 11 Sep 1996
06:34:07 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp
     (Smail3.1.29.1 #1) id m0v0nYR-000FQLC; Wed, 11 Sep 96 07:34 EDT
Received: by gwyn.paccomm.com with Microsoft Mail
     id <01BB9FB4.DF9DA1C0@gwyn.paccomm.com>; Wed, 11 Sep 1996 07:43:07 -0400
Message-ID: <01BB9FB4.DF9DA1C0@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: WIDE Repeater Callsigns
Date: Wed, 11 Sep 1996 07:43:01 -0400
Encoding: 25 TEXT

Tony Drumm[SMTP:TonyDrumm@ibm.net] said, among other things:

>what I wish I knew was the real id of the WIDE
>that I'm hearing. It would be useful if the digipeater, when resending
>something through its alias ID, could replace that alias with its true ID.
>This would help those trying to figure out how a packet got here and would
>also make it easy for a TNC to avoid resending a packet it has already
>digipeated.

That is exactly what we did in our Intelligent Border Markers for the
Bosnian forces (see our web page). We've dubbed it 'Digipeat Callsign
Substitution.' When a packet modem repeats a frame which was addressed to
one of its alias callsigns, it substitutes its MYCALL for the alias
callsign in the outgoing frame header.

Our purpose was to allow a generic digipeat when we don't know the actual
callsigns of the surrounding units, but once a frame actually gets to the
end station, an exact return path is known. Once a reply is sent to the
originating unit, it also knows an exact path to the end station and if

that path is saved, there is no longer a need to use generic addressing.

I've been talking with Bob (APR) about this for some time and he is pushing
us to release this in our amateur code. We will, but can't say how soon.
We're kinda overloaded with industrial coding work right now, so this has
to wait for the next break in the workload.

From jratchf@bulldog.afsc.k12.ar.us Wed Sep 11 07:45:05 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA19384 for <aprssig@tapr.org>; Wed, 11 Sep 1996
07:45:00 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip4.afsc.k12.ar.us
[170.211.157.178]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id HAA14903
for <aprssig@tapr.org>; Wed, 11 Sep 1996 07:44:50 -0500
Message-Id: <199609111244.HAA14903@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4595] NHC News Report and APRS
Date: Wed, 11 Sep 1996 07:23:45 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> From: Richard Garcia <n2czf@magg.net>
>
> Well as usual when a storm hits or is about to hit the 6pm news
interviews a
> ham with radios in the background.
> Tonight was not different with Hortense on it's way but what was
different
> is that the report was done at the National Hurricane Center in Mi ami.
Nice
> fancy Yaseu station decked out to the max, even a Yaseu clock! hi hi.
> After all the chit chat as they were panning to the internet corner
right
> next to the ham station.. wait! what was that.. yes it is a APRS screen!
A
> momentary blast past what seemed to be 2 monitors with APRS on it! Sure
was
> a shame that no one spoke about it to the media, would have been a great
> opportunity but I do not know if they were interested or not. It was
only
> 1-2 seconds but to the "trained APRS eye" the screens did not seem to
show
> anything on the map! Oh well yesterday was the peak of the Hurricane
season,
> maybe we will get another opportunity soon.
>
> 73's Rich N2CZF

I saw somthing very simular back in March (I tink) on the Discovery Channel. There was a program about storm spotters that ran around in this exeptionally well laid out van. In it were multiple radio sets and 2 APRS screens. It was nice to see that as I was over at a freinds place showing off the mobile APRS at that time. It I'm not mistaken they indicated that it was the first time it had been used in the field but wasn't in the NWS office as yet. At any rate it was nice to see it on Discovery and to see the reaction of my friend. (He now has his ticket!)

73
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From lcb911@apex2000.net Wed Sep 11 08:27:23 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA20648 for <aprssig@tapr.org>; Wed, 11 Sep 1996 08:27:19 -0500 (CDT)
Received: from [207.18.66.228] by starone.apex2000.net (NTMail 3.01.03) id na039689; Wed, 11 Sep 1996 08:02:31 -0500
Message-Id: <1.5.4.16.19960911075824.1fdfca32@apex2000.net>
X-Sender: lcb911@apex2000.net
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: Re: [APRSSIG:4602] Re: comments Version 77 aprs
Date: Wed, 11 Sep 1996 08:02:31 -0500

At 09:39 PM 9/10/96 -0500, you wrote:
>On Tue, 10 Sep 1996, Don Murray wrote:
>(snip)
>> > > I have noticed on ver 7.7 mixed upper/lower case in the Wx beacon
>> > > My station is showing the following after the normal location info
>> > > _289/000/T076/R000p000b0107h00g000U2k
>(snip)
>Is this new WX format compatable with AutoWX???? There is an AutoWX user
>near me reporting "strange readings".... haven't been over to see just
>what he means as yet.
>
>Richard Amirault   N1JDU   Boston, Massachusetts USA
>amirault@tiac.net   "Go Fly A Kite"

AutoWx version 4.x is compatible with the new beacon format.

Les/N5KOA

From bruninga@nadn.navy.mil Wed Sep 11 08:28:45 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA20677 for <aprssig@tapr.org>; Wed, 11
Sep 1996 08:28:43 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id JAA26369 for <aprssig@tapr.org>; Wed, 11 Sep 1996
09:33:41 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 11 Sep 1996 09:33:40 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4588] DOSaprs site & Alinco DR-150
In-Reply-To: <199609101721.MAA05953@mail.xnet.com>
Message-ID: <Pine.GSO.3.95.960911093234.25098C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Sep 1996, Ron Malinowski, Jr. wrote:

> 1. Everyone seems to be talking about version 7.7 or 7.7a, whenever I goto
> the tapr ftp site, they only have version 7.5c or something quite lower.
*** Try it today and look for 77b.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Wed Sep 11 08:33:56 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA20857 for <aprssig@tapr.org>; Wed, 11
Sep 1996 08:33:54 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id JAA27612; Wed, 11 Sep 1996 09:38:50 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 11 Sep 1996 09:38:49 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "Alan K. Unangst" <alanwc7r@primenet.com>
cc: aprssig@tapr.org
Subject: 77b=77a confusion abounds
In-Reply-To: <2.2.32.19960910191910.006754f8@mailhost.primenet.com>
Message-ID: <Pine.GSO.3.95.960911093437.25098E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Sep 1996, Alan K. Unangst wrote:

> Just a quick note to inquire if in 7.7b you meant to leave the version #
> 7.7a in the Logo??

APRSdos REPLY/COMMENT: ARGH! I knew I could not make a release without a
bug! But I had to get 77b in to replace 77a asap.   I made the bug fix
but FORGOT TO CHANGE THE LOGO. I believe the name of the EXE is

APRS77b.exe however... It will still show as 77a on the HELP screen
too...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Wed Sep 11 08:40:29 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA21021 for <aprssig@tapr.org>; Wed, 11
Sep 1996 08:40:27 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id JAA29061 for <aprssig@tapr.org>; Wed, 11 Sep 1996
09:45:26 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 11 Sep 1996 09:45:26 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4592] Re: APRS Quake monitoring system
In-Reply-To: <9609102006.AA17962@babe01.austin.ibm.com>
Message-ID: <Pine.GSO.3.95.960911094031.25098G-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Sep 1996, McInnis wrote:

> The other idea that occurred to me is to hook up some sort of actual
> very simple "shake detector".

*** THe whole idea is that the ELF signals PRECEED the quake by several
hours. Presumably a pizzoelectric effect due to compression of the rocks.

> You could also do something by having some sort of "heartbeat" system.

*** My proposal had every sensor sending one packet every 15 minutes
to report its background readings. Ten such stations in each APRS network
would only occupy about 1% of channel capacity. A warning in ADVANCE of
an earthquake would be worth it!

THanks for your comments. I think there is real potential here...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From ku0g@sprynet.com Wed Sep 11 08:55:59 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA21805 for <aprssig@tapr.org>; Wed, 11 Sep 1996
08:55:56 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id GAA13255 for <aprssig@tapr.org>; Wed, 11 Sep 1996 06:53:10 -0700
Date: Wed, 11 Sep 1996 06:53:10 -0700
Message-Id: <199609111353.GAA13255@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4412] Re: Too much time on my hands....

> The I vote for Chicago Suburb Area <grin> We have about 60-70 stations
>in close proximity just in northern illinois and southern Wisconsin. Jim,
>you saw that while you were here.
>
> side note: I changed IP's again. note new e-mail address "just in case"...
>
>73,
>
>Roger Sellers
>Amateur Radio: KB9LBU
True, Roger, but only three people even acknowledged that I was in the Chicago area over Labor Day weekend! I was really disappointed particularly when one guy said they were all at a meeting in Streamwood (where I was passing through at the time!) and didn't even invite me to the meeting or respond when I asked where it was!!!

Maybe I'm wrong here, BUT I would expect that a visiting APRS mobile ought to have been made feel more welcome. In Kansas City we attempt to contact anyone passing through and at least someone says "hey, stop in if you've got time!"

Granted the Chicago area DOES have a lot of users but my initial impression is that they aren't interested in socializing with visitors. I hope I'm wrong because I've met a LOT of wonderful people in Chicago in my may trips there over the past 10 years. I have found that face-to-face Chicagoland people are genuinely nice and eager to make us "furriners" welcome and feel at home! Maybe I expected too much from the amateur community???

Don't take this personal, Chicago folks, I guess I was just really disappointed because Karla and I had planned on taking time to visit and meet you during our vacation...I hope that it works out better in December when I come to Midwest Band and Orchestra Clinic right before Christmas!

Best 73 de Jim, KU0G
Kansas City APRS Coordinator
EMail: ku0g@sprynet.com
Frank Steinbeck, Computer Tech/Coordinator
West Nodaway R-1 School
P. O. Box 260
Burlington Jct., MO 64428
816) 725-4613

From ku0g@sprynet.com Wed Sep 11 09:01:45 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA21951 for <aprssig@tapr.org>; Wed, 11 Sep 1996

09:01:42 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id GAA14597 for <aprssig@tapr.org>; Wed, 11 Sep 1996 06:58:57 -0700
Date: Wed, 11 Sep 1996 06:58:57 -0700
Message-Id: <199609111358.GAA14597@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4414] Re: National APRS Conference

MBIG SNIP> (using the paper cutter!)
>So, for those of you who think a national APRS convention is important,
>exactly what agenda would you propose? Tell me what you think needs to be
>done, and how you propose to accomplish it in a couple of days. Propose a
>schedule of events...if it's worthwhile, I'll come, and so will a lot of
>others.
>
>Steve KO4HD
>
I would hope that everyone would submit a proposed agenda item, forum
suggestion, etc. so the planners could invite speakers to present, secure
the proper venue and take it from there...Apparently there seems to be
enough interest to look into the possibility further, so I'll refer that on
to our Board of Directors and we'll take a look at the possibilities. Only
concern here is that our treasury, at this point, is quite small and I could
foresee having an advance registration to cover the venue costs or, perhaps,
another APRS group would consider pooling resources with us? (Are you
listening NIAN?)

Anyway, that's about enough on this thread. We'll take the ball and toss
it, see where it lands and get back to the SIG later....

ENDTHREAD.....

Best 73 de Jim, KU0G
KC APRS Coordinator
EMail: ku0g@sprynet.com
Frank Steinbeck, Computer Tech/Coordinator
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P. O. Box 260
Burlington Jct., MO 64428
816) 725-4613

From ku0g@sprynet.com Wed Sep 11 09:07:32 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA22367 for <aprssig@tapr.org>; Wed, 11 Sep 1996
09:07:31 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id HAA15753 for <aprssig@tapr.org>; Wed, 11 Sep 1996 07:04:42 -0700
Date: Wed, 11 Sep 1996 07:04:42 -0700

Message-Id: <199609111404.HAA15753@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4420] Re: APRS Airshow

I thought that we had documented (from Florida air experiments early 1996)
that the GPS-45 shuts down above 99 knots?

(Help me out here, Rich...)

I hope that I'm mistaken because we have something brewing along those lines
here in KC....

73 de Jim, KU0G
Frank Steinbeck, Computer Tech/Coordinator
West Nodaway R-1 School
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816) 725-4613

From ku0g@sprynet.com Wed Sep 11 09:10:33 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA22427 for <aprssig@tapr.org>; Wed, 11 Sep 1996
09:10:30 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id HAA16317 for <aprssig@tapr.org>; Wed, 11 Sep 1996 07:07:45 -0700
Date: Wed, 11 Sep 1996 07:07:45 -0700
Message-Id: <199609111407.HAA16317@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4423] Re: Too much time on my hands....

>Great! Let's have it in Branson! We can watch Boxcar Willie and talk ARPS
>at the same time. What a joke! Naaaaaaaaa.......... KC is a Great Idea!
>
I hate to admit it, BUT Branson is one of the primary sites I was
considering due to the possibility of having plenty for the non-ham family
members to do while the rest of us sit around chatting about APRS!

73 de Jim, KU0G
Frank Steinbeck, Computer Tech/Coordinator
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816) 725-4613

From ku0g@sprynet.com Wed Sep 11 09:16:42 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA22689 for <aprssig@tapr.org>; Wed, 11 Sep 1996
09:16:37 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id HAA17729 for <aprssig@tapr.org>; Wed, 11 Sep 1996 07:13:51 -0700
Date: Wed, 11 Sep 1996 07:13:51 -0700
Message-Id: <199609111413.HAA17729@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4431] Re: C Meeting (was Too much time on my hands)

>Kansas City makes alot of sense. For those of you who have to fly
>commercial (grin) airfares in and out of KC are CHEAP. The are reasonable
>rate hotels a free shuttle ride away. There's alot of open space, clean air
>and BBQ!, but it's a long way from KCI airport (30 miles to KC Masterpiece
>Resturant). There is also an active APRS community willing to work to set
>it up.

WRONG! The Plaza location of KCM is only a scant 14 miles from KCI and you
can run interstate highway all but 12.5 of that!!! Besides, Arthur Bryant's
is the REAL king of KC BBQ and is also right off I-70 east of downtown.
Then there's good ol' #2 Gates & Sons and they're EVERYWHERE now!

>
>The problem with Dayton is it is too little with too much else going on. I
>could spend hours learning how to:
>1.   Make street level maps
>2.   Design APRS networks (Now was that WIDE or RELAY..humm)
>3.   Learning to NWS acros the country are using APRS
>4.   Having people volunteer to present papers of varies uses of APRS
>5.   Put your subject here.......
>
>APRS has grown to the point that it probably has more users than Oscars at a
>cheaper entry level, yet amsat has annual meetings for paper presentations
>as well as going to Dayton. Don't get me wrong--I LOVE Dayton and the
>chance to get away but, I could learn so much more in a APRS only environment.

AGREED! I'm not sure I agree with the "more users than Oscars" statement,
but we are certainly growing at an alarming (?) rate. That's the main
reason I suggested this in the first place!

PS: Dave, you can fly that big twin engine into MKC and pick UZQ-Bill and I
up for a free ride to the site if it ends up begin somewhere other than KC!
<snicker>

73 de Jim , KU0G
Frank Steinbeck, Computer Tech/Coordinator

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From ku0g@sprynet.com Wed Sep 11 09:20:16 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA23080 for <aprssig@tapr.org>; Wed, 11 Sep 1996
09:20:13 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id HAA18742 for <aprssig@tapr.org>; Wed, 11 Sep 1996 07:17:24 -0700
Date: Wed, 11 Sep 1996 07:17:24 -0700
Message-Id: <199609111417.HAA18742@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4446] Re: National APRS Conference

>*** Begin non APRS related stuff ***
>Sorry to disappoint all, but the Key West City Council banned body
>painting this year. Next year, when the businessmen complain about the
>lost revenue, it will be legal again. We've been through this cycle
>before (body painting has been banned for 3 of the last 10 years, and is
>always overturned the next year.) Politics.

DAMN IT ALL! And I was SO hoping to see live-action video on Dimse's home
page, too!!!

73 de Jim, KU0G
Frank Steinbeck, Computer Tech/Coordinator
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Burlington Jct., MO 64428
816) 725-4613

From bruninga@nadn.navy.mil Wed Sep 11 09:25:17 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA23303 for <aprssig@tapr.org>; Wed, 11
Sep 1996 09:25:15 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA06387 for <aprssig@tapr.org>; Wed, 11 Sep 1996
10:30:13 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 11 Sep 1996 10:30:12 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Radio Shack WX station.
In-Reply-To: <199609102305.SAA03533@defiant>
Message-ID: <Pine.GSO.3.95.960911102839.25098I-100000@arctic>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Sep 1996, Bryan Fair wrote:

> Radio Shack Has announced in their new Weather Station WX200 in their new
> 1997 catalog-pg. 203..... Is APRS ready to go with the weather station?

APRSdos REPLY/COMMENT: Here is an opportunity to share the work load! hi
hi Can anyone find out the format of the R.S serial WX data?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From n8chb@juno.com Wed Sep 11 09:29:57 1996
Received: from x2.boston.juno.com (x2.boston.juno.com [205.231.101.21]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA23445 for <aprssig@tapr.org>; Wed, 11
Sep 1996 09:29:55 -0500 (CDT)
Received: (from n8chb@juno.com) by x2.boston.juno.com (queuemail)
     id KAA22208; Wed, 11 Sep 1996 10:29:21 EDT
To: aprssig@tapr.org
Date: Wed, 11 Sep 1996 14:26:19 PST
Subject: Re: [APRSSIG:4605] Yet another possibly stupid question
Message-ID: <19960911.142620.7190.0.n8chb@juno.com>
References: <199609110328.UAA04492@dfw-ix10.ix.netcom.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-1,3-4,6-15,17-30
From: n8chb@juno.com (Roger Breckon)

Hello Don,

I've seen that on every program for the last 2 yrs and I just ignore it
also.
If you want when you first fire up the program
Hold down " ALT " and hit " S " " T " that will restart the ini * .TNC
file again.

Have fun
73
Roger n8chb

PS: have seen this on several computers like you, could be my TNC
needing more time to read?

==========
On Tue, 10 Sep 1996 22:40:47 -0500 (CDT) "Don Murray"
<james-m@ix.netcom.com> writes:
>What are the consequences if any of ignoring the "Com buffer overflow
>error" that occasionally pop up from time to time. I have had these
>error
>occur with a 386laptop, a compaq 386, a packard bell 486, an Acer
>pentium
>computer. More often on the 386's but they have occurred on the

>pentium
>also.. What happen if I choose to simply ignore the error message??
>
>Thanks in advance..
>Don
>
>

From ku0g@sprynet.com Wed Sep 11 09:37:04 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA23997 for <aprssig@tapr.org>; Wed, 11 Sep 1996
09:37:02 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id HAA22831 for <aprssig@tapr.org>; Wed, 11 Sep 1996 07:34:14 -0700
Date: Wed, 11 Sep 1996 07:34:14 -0700
Message-Id: <199609111434.HAA22831@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4464] The Cross Country Trip, an APRS Adventure!

>Hello gang...
>
>Well, it's almost time for the Digital Communication Conference, and
>again I will be driving. An unusual drive, since I will go, quite
>literally, from one corner of the country to the other (Key West to
>Seattle). I will be running APRS on both HF and VHF all the way. The van
>also has a second HF rig for voice, a station for normal packet, and a
>dual band rig for VHF/UHF voice. Then there are the two computers
>(connected via an AppleTalk network), CD ROM drive, cell phone, audio CD
>changer...you get the idea. After the conference I'll head south down the
>coast to Southern Cal to visit friends and family, and finally take
>I-8/10 home in a mad rush to get back before I have to go back to work.
>Here is the itinerary...
>
>Fri 9/13 Miami, Orlando, Atlanta
>Sat 9/14 Nashville, St. Louis, Kansas City
>Sun 9/15 Omaha. Souix Falls
>Mon 9/16 Badlands Nat'l Park, Mt Rushmore
>Tue 9/17, Wed 9/18 Yellowstone Nat'l Park
>Thu 9/19 to Sun 9/22 Seattle
>Sun 9/22 Olympic Nat'l Park, Port Angeles
>Mon 9/23 Ho Rain Forest, Portland, Redwood Nat'l Park
>Tue 9/24 Golden Gate
>Wed 9/25 Carmel
>Thu 9/26 San Luis Obisbo, Santa Barbara, Ventura (Mom's house)
>Fri 9/27 to Sun 9/29 Family stuff!
>Mon 9/30 LA
>Tue 10/1 San Diego
>Wed 10/2 Tuscon, El Paso

>Thu 10/3 San Antonio, Houston
>Fri 10/4 New Orleans, Mobile, Tallahassee, Orlando
>Sat 10/5 Home sweet home.
>
>All this is subject to change, as for most of it I'm just out having a
>good time sightseeing. I'd like to hear from folks along the route,
>especially about favored voice repeaters, packet channels, and
>non-standard APRS 2 meter frequencies. I'd also enjoy visiting with
>APRS'ers along the way, so let me know if you are interested.
>
>I'll have a computer in view while I'm driving, and of course, MacAPRS
>speaks incoming messages to me, so I'll get your mail. The driving comes
>first, so I may not be able to answer you right away! And whenever I get
>to a phone I'll be checking my email here. Also, there will be a javAPRS
>page displaying the trip (not up yet, but before I leave), with archived
>data as I get a chance to upload it, and live data from Dale's
>server...hopefully at least some of my packets will get through a GATE in
>Atlanta, and the server has a special feature that holds onto a few
>packets from KO4HD-9 longer than others!
>
>http://wa4dsy-3.wa4dsy.radio.org/Xaprs/trip.html
>
>Hope to see you out there!
>
>Steve KO4HD
>
>
>
>

We'll be watching for you Steve! Hope you have time to stop for a quick
eyeball! What time of day do you plan on coming through? I'm thinking
lunch here....

73 de Jim, KU0G

>
Frank Steinbeck, Computer Tech/Coordinator
West Nodaway R-1 School
P. O. Box 260
Burlington Jct., MO 64428
816) 725-4613

From CHEAD@exame2.dseg.ti.com Wed Sep 11 09:37:49 1996
Received: from gatekeep.ti.com (news.ti.com [192.94.94.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA24025 for <aprssig@tapr.org>; Wed, 11 Sep 1996
09:37:40 -0500 (CDT)
Received: from lesol1.dseg.ti.com ([157.170.147.17]) by gatekeep.ti.com (8.6.13)
with ESMTP id JAA18629 for <aprssig@tapr.org>; Wed, 11 Sep 1996 09:37:03 -0500
Received: from exame2.dseg.ti.com (EXAME2.dseg.ti.com [128.247.183.127]) by
lesol1.dseg.ti.com (8.6.9/8.6.6) with SMTP id JAA09906 for <aprssig@tapr.org>;
Wed, 11 Sep 1996 09:36:32 -0500
Date: Wed, 11 Sep 1996 9:37:11 -0500 (CDT)

From: Claude 995-5040 pager 4541 <CHEAD@exame2.dseg.ti.com>
To: aprssig@tapr.org
CC: CHEAD@exame2.dseg.ti.com
Message-Id: <960911093711.204264f1@exame2.dseg.ti.com>
Subject: Advanced Surveillance Technologies Conference II

The following is a excerpt from a message forwarded from Jim Warren's GovAccess SIG. The conference mentioned deals with the broad subject of individual privacy vs government surveillance by a distressingly large group of techniques. I have put the program header and one topic from the program dealing with vehicle location. Shades of APRS! I have the complete text of the conference program message and will be happy to forward it privately to anyone who asks. The whole thing is a little long for the APRSSIG and most of it is not directly related.

73 Claude Head
K5DTN
chead@exame2.dseg.ti.com

>

>   PROGRAM
>
>   ADVANCED SURVEILLANCE TECHNOLOGIES CONFERENCE II
>
>   Sponsored by
>
>   Privacy International
>   Electronic Privacy Information Center
>
>   September 16, 1996
>
>   Citadel Ottawa Hotel and Convention Centre
>   Ottawa, Canada
>
>
snip
>
>1:30 pm CONSUMERS AND SURVEILLANCE
>
> INTELLIGENT VEHICLES AND TRACKING
>
>Phil Agre will outline the remarkable variety of technologies of
>surveillance currently being planned or implemented for road travel. The
>motivations for these systems are numerous and include logistics, traffic
>management, law enforcement, pollution control, and marketing. Despite the
>diversity of motivations, certain unifying themes emerge. The vast majority
>of the functionalities provided by these systems can be provided
>anonymously.
>
>   o Phil Agre, University of California, San Diego
>

From ku0g@sprynet.com Wed Sep 11 09:51:14 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA24618 for <aprssig@tapr.org>; Wed, 11 Sep 1996
09:51:12 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id HAA25867 for <aprssig@tapr.org>; Wed, 11 Sep 1996 07:48:28 -0700
Date: Wed, 11 Sep 1996 07:48:28 -0700
Message-Id: <199609111448.HAA25867@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com (Unverified)
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4474] MAJOR APRS PROBLEM ! ! !

>Bob, I've been using your program (registered of course) for a year and a
>half and have NEVER complained about APRS. Well..... here is my first
>complaint!
>
>My closest neighbor, who lives 2 miles away, comes home from work about 2
>a.m. each morning. He invariably wakes up his wife, who happens to be
>pregnant. So, she gets up and relieves herself. The flushing of the
>toilet, however, also wakes up half of his 12 other kids, who also have to
>get up and relieve themselves. Now, with all this going on, thier family
>dog thinks it's morning so he begins to bark. The barking of a neighoring
>dog is all that my 13 hounds can stand and must reply in an excited state.
>Hearing all this barking, my grandmother, who lives across the holler,
>wakes up and instantly thinks someone is "snooping" around. So, naturally
>she picks up the phone and calls the neighbors "to see if they saw
>anything". Then after 10 minutes of talking she hangs up and calls me. I
>naturally have been sound asleep, oblivious of the "houndspeak" going on
>outside, and wake up to the sweet sound of a telephone ringing by the
>bed. I then reach over to pick up the phone, but instead hit the mike
>button on the 2 meter radio. This causes the repeater to i.d. and I, not
>wanting to be a curchunker, must also i.d.
>
>OK, so how does APRS fit in all this? What's the problem? Well, the
>problem is that at 2:30 a.m., when grandma is barking in one ear and the
>hounds are barking at the neighbors dogs and I'm shouting at the dogs to
>shut up, I can't resist looking at the (H)eard list screen! And THAT is
>the problem! It has become a habit! At 2:30 am the propogation is so good
>that I can hit St. Louis and Kansas City at the same time. So, the REAL
>problem is, that I can't leave it alone! I've got to sit there and play
>with this thingy till I either fall back asleep at the keyboard or it's
>daylight! Shame on you, Bob! This thing is still too much fun!
>
>BTW, This DID happen a few nights ago and I really DO have 13 hounds!
>
>--
>J. Scott Ratchford - KC5JGV - Marshall, Arkansas
>* North Arkansas Amateur Radio Society, Inc.

>* Marshall Volunteer Fire Dept./EMS First Responder
>* Calf Creek Lodge #426
>* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club
>

Yes, even I do this same thing sans dogs, kids and grandmas....Is there a
name for this newly-discovered psychological disorder????

Jim KU0G
Frank Steinbeck, Computer Tech/Coordinator
West Nodaway R-1 School
P. O. Box 260
Burlington Jct., MO 64428
816) 725-4613

From dwetzel@slkc.uswest.net Wed Sep 11 09:52:43 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA24775 for <aprssig@tapr.org>; Wed, 11
Sep 1996 09:52:41 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup41.slkc.uswest.net
[206.81.132.11]) by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id IAA17181
for <aprssig@tapr.org>; Wed, 11 Sep 1996 08:52:39 -0600
Message-ID: <3236D20D.6733@slkc.uswest.net>
Date: Wed, 11 Sep 1996 08:51:57 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4616] Re: National APRS Conference
References: <199609111358.GAA14597@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Duncan wrote:
>
> MBIG SNIP> (using the paper cutter!)
> >So, for those of you who think a national APRS convention is important,
> >exactly what agenda would you propose? Tell me what you think needs to be
> >done, and how you propose to accomplish it in a couple of days. Propose a
> >schedule of events...if it's worthwhile, I'll come, and so will a lot of
> >others.

How about shooting for representation from all of the popular tnc
manufacturers and developers of software such as NOS, so that the
aliasing issues which have been flying back and forth the past couple of
weeks can start being resolved?

Doug
KC7CO

From bruninga@nadn.navy.mil Wed Sep 11 10:01:26 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA25174 for <aprssig@tapr.org>; Wed, 11

Sep 1996 10:01:24 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA11237 for <aprssig@tapr.org>; Wed, 11 Sep 1996
11:06:25 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 11 Sep 1996 11:06:25 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS & WX & GPS & freqs
In-Reply-To: <3235EE6F.76FD@netins.net>
Message-ID: <Pine.GSO.3.95.960911103101.25098J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Please conisder ignoring fools and stupidity on this SIG and don't feel
compelled to show how right you are and how wrong someone else is with
your brilliant diatribe. I dont have time to read this stuff. Just hit
delete!   Now... my turn, hi hi :-).

All I said was, that serious WX users should *consider* getting a UHF freq
coordinated for APRS WX. Why does everyone have to then demand that
everyone else do it their way?

1) Having 145.79 as a common freq is ideal if you can get it. Both
   WX and GPS can share it. WHy argue that point! SOme areas are
   more interested in WX, some more in GPS. That's their choice!

2) If you think APRS is NOT growing, and that a single 1200 baud channel
is sufficient then FINE! Dont try to force your views on someone else!

3) If you think APRS is going to grow both in WX and GPS and Earthquakes
and ARES and RACES and telemetry and you want to have some control over
your piece of that network, then simple self preservation should tell YOU
to start doing something NOW. It aint easy to get a freq. You will never
pull off the coup that was used in some areas to get 145.79 again...

Thinking that you are going to be able to demand that your network do only
what you want is not going to work in the long run.

Everything should be considered. New freqs, new bands, 9600, backbones,
new routing schemes, crosslinks, gateways... etc. Yes, we absolutely need
to see distant WX. But the routing path is FIXED! DOesnt that suggest
that operating on what ever freq you can GET is solvable?

Just do something, ORGANIZE, *THINK*, make decisions based on your
areas needs. Take advantage of the differences in applications, dont try
to force every application to one solution.

SOAP OFF.. hi hi

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Wed Sep 11 10:05:43 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA25520 for <aprssig@tapr.org>; Wed, 11
Sep 1996 10:05:41 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA11773 for <aprssig@tapr.org>; Wed, 11 Sep 1996
11:10:42 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 11 Sep 1996 11:10:40 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: Burned by PK-12 again!
In-Reply-To: <Pine.3.89.9609101820.A2031-0100000@bcfreenet.seflin.lib.fl.us>
Message-ID: <Pine.GSO.3.95.960911110833.25098L-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Sep 1996, John W Wilson wrote:

> We went through this at the Hurricane Center at Miami with their PK12.
> There is a command, besides headerln, that needs to be set, and it deals
> with TAPR style BBS messeges. The command is BBSMSGS, if I remember, and
> it must be in the OFF state, I think. Also, remember to have MON set to
> 4 and nothing higher.

APRSdos REPLY/COMMENT: Early PK-12's had a bug and need BBSMSGS ON to work
with APRS. Later ones should be OK and work better with BBSMSGS OFF. (I
thhink)

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Wed Sep 11 10:13:38 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA26200 for <aprssig@tapr.org>; Wed, 11
Sep 1996 10:13:36 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA12672 for <aprssig@tapr.org>; Wed, 11 Sep 1996
11:18:37 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 11 Sep 1996 11:18:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4597] Re: APRS Quake monitoring system
In-Reply-To: <m0v0c1r-0001M3C@wa4mei.radio.org>
Message-ID: <Pine.GSO.3.95.960911111253.25098M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Sep 1996, Dale Heatherington wrote:

> "The idea that low-frequency electromagnetic waves could be precursors
> to temblors remains controversial. Not all earthquakes release telltail
> electromagnetic signals before striking., and many reasearchers consider
> the data statistically unconvincing.

APRSdos REPLY/COMMENT: Agreed 100%, but if a tree falls in the woods and
no one is listening, does it make noise?   Maybe there weren't enough
sensors in the right places...

I am a skeptic about most pseudo science, but the realization that a BIC
lighter can generate a 10,000 volt spike by simply striking a piece of
quartz and that quartz is rock, gives me the gut feel that the bazillions
of PSI building up in rock prior to a quake could quite easily generate
electromagnetic signals. Anyway, a good sicence project, hi hi

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Wed Sep 11 10:18:42 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA26726 for <aprssig@tapr.org>; Wed, 11
Sep 1996 10:18:40 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA13372 for <aprssig@tapr.org>; Wed, 11 Sep 1996
11:23:38 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 11 Sep 1996 11:23:33 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: DIGI return path ID
In-Reply-To: <199609110212.CAA220580@smtp-gw01.ny.us.ibm.net>
Message-ID: <Pine.GSO.3.95.960911112053.25098N-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Sep 1996, Tony Drumm wrote:
>
> Anyway, when we have an opening, and even occassionally when we just have
> above average propagation, what I wish I knew was the real id of the WIDE
> that I'm hearing. It would be useful if the digipeater, when resending
> something through its alias ID, could replace that alias with its true ID.

APRSdos REPLY/COMMENT: Great idea! PacComm has been doing this for a year
in their commercial code. We are still waiting for the new amateur APRS
WIDE-N digipeater with the auto-return-ID feature... hi hi Gwyn?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From mcinnis@austin.ibm.com Wed Sep 11 10:21:59 1996
Received: from netmail1.austin.ibm.com (netmail1.austin.ibm.com [129.35.208.96])

by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA26978 for <aprssig@tapr.org>; Wed,
11 Sep 1996 10:21:54 -0500 (CDT)
Received: from babe01.austin.ibm.com (babe01.austin.ibm.com [129.35.227.156]) by
netmail1.austin.ibm.com (8.6.12/8.6.11) with SMTP id KAA23370 for
<aprssig@tapr.org>; Wed, 11 Sep 1996 10:21:52 -0500
Received: by babe01.austin.ibm.com (AIX 4.1/UCB 5.64/4.03-client-2.6)
          for aprssig@tapr.org at austin.ibm.com; id AA25202; Wed, 11 Sep 1996
10:21:49 -0500
From: mcinnis@austin.ibm.com (McInnis)
Message-Id: <9609111521.AA25202@babe01.austin.ibm.com>
Subject: Re: [APRSSIG:4614] Re: APRS Quake monitoring system
To: aprssig@tapr.org
Date: Wed, 11 Sep 1996 10:21:49 -0500 (CDT)
In-Reply-To: <Pine.GSO.3.95.960911094031.25098G-100000@arctic> from "Bob Bruninga"
at Sep 11, 96 09:00:59 am
X-Mailer: ELM [version 2.4 PL25]
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Your comments make me realize that there is a core difference here.
The ELF stuff is possibly predictive, but somewhat speculative. i.e.
"We've got ELF, but does that mean we're going to have an earthquake?"
Of course, if enough ELF detectors are spread around we might prove or
disprove the ELF-earthquake connection.

The heartbeat system would be an after-the-fact assessment tool. It
would tell you what areas had been affected by the event one or two
"heartbeat" cycles later.

The shaker or manual status entry could be nearly real time. I would
expect a "shaker" alarm to be sent out nearly immediately after triggered.

73 de KB5YAC

wb4apr@amsat.org wrote
>
>...
>
> *** THe whole idea is that the ELF signals PRECEED the quake by several
> hours. Presumably a pizzoelectric effect due to compression of the rocks.
>
> > You could also do something by having some sort of "heartbeat" system.
>
> *** My proposal had every sensor sending one packet every 15 minutes
> to report its background readings. Ten such stations in each APRS network
> would only occupy about 1% of channel capacity. A warning in ADVANCE of
> an earthquake would be worth it!
>
> THanks for your comments. I think there is real potential here...
>
>
> Reply mail addr: wb4apr@amsat.org

> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>

--
Mickey McInnis - mcinnis@austin.ibm.com
--
All opinions expressed are my own opinions, not my company's opinions.

From bruninga@nadn.navy.mil Wed Sep 11 10:22:15 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA27050 for <aprssig@tapr.org>; Wed, 11
Sep 1996 10:22:13 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA14185 for <aprssig@tapr.org>; Wed, 11 Sep 1996
11:27:10 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 11 Sep 1996 11:27:09 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4605] Yet another possibly stupid question
In-Reply-To: <199609110328.UAA04492@dfw-ix10.ix.netcom.com>
Message-ID: <Pine.GSO.3.95.960911112607.25098P-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Sep 1996, Don Murray wrote:

> What are the consequences if any of ignoring the "Com buffer overflow
> error" that occasionally pop up from time to time.

APRSdos REPLY/COMMENT: Ignore them all the time... you lost a packet is
all. It will come around again.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From wmn3@dfw.net Wed Sep 11 10:57:15 1996
Received: from dfw.dfw.net (root@dfw.dfw.net [198.175.15.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA00214 for <aprssig@tapr.org>; Wed, 11 Sep 1996
10:57:13 -0500 (CDT)
Received: from dfw.net (PPP43.fortworth.dfw.net) by dfw.dfw.net (4.1/SMI-4.1)
     id AA13578; Wed, 11 Sep 96 10:56:27 CDT
Message-Id: <9609111556.AA13578@dfw.dfw.net>
From: "Bill Neal/N0NSA" <wmn3@dfw.net>
To: <aprssig@tapr.org>
Subject: Re: Re: C Meeting (was Too much time on my hands)
Date: Wed, 11 Sep 1996 10:37:46 -0500
X-Msmail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155

Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dave (WNX), can you come down here too? DFW is a FUN place!
Cheers, Bill Neal/N0NSA
wmn3@dfw.net
http://www.dfw.net/~wmn3/

> From: Jim Duncan <ku0g@sprynet.com>
> To: aprssig@tapr.org
--snip!!!
> PS: Dave, you can fly that big twin engine into MKC and pick UZQ-Bill
and I
> up for a free ride to the site if it ends up begin somewhere other than
KC!
> <snicker>
>
> 73 de Jim , KU0G
> Frank Steinbeck, Computer Tech/Coordinator
> West Nodaway R-1 School
> P. O. Box 260
> Burlington Jct., MO 64428
> 816) 725-4613

From gwyn@paccomm.com Wed Sep 11 11:41:09 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA04141 for <aprssig@tapr.org>; Wed, 11 Sep 1996
11:41:05 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp
     (Smail3.1.29.1 #1) id m0v0sLa-000FQLC; Wed, 11 Sep 96 12:41 EDT
Received: by gwyn.paccomm.com with Microsoft Mail
     id <01BB9FDE.4FE22F40@gwyn.paccomm.com>; Wed, 11 Sep 1996 12:39:45 -0400
Message-ID: <01BB9FDE.4FE22F40@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: Re: National APRS Conference
Date: Wed, 11 Sep 1996 12:39:43 -0400
Encoding: 27 TEXT

Doug Wetzel[SMTP:dwetzel@slkc.uswest.net] said:

>How about shooting for representation from all of the popular tnc
>manufacturers and developers of software such as NOS, so that the
>aliasing issues which have been flying back and forth the past couple of
>weeks can start being resolved?

I've been attending hamfests and conferences (as a manufacturer) for 11
years and have yet to see any issues resolved at such locations. They are
great for meeting people, conjuring up neat new ideas, eating and drinking,
etc. but not good for planning or resolving... In other words, things get
started there, but they don't get finished there. Nearly every idea that

comes up which is worth pursuing is set aside with an 'we ought to continue this via e-mail after we get home and work out the details.'

This forum (with appropriate private messages) is probably the most effective coordination medium.

My inpression of the National APRS Conference discussion so far is that it is a local to regional event with national in its name .... I'm still watching to see what develops, but I'm pretty tired of travel. Almost didn't go to the TAPR/ARRL DCC this year, and that is an established national event.

From alanwc7r@primenet.com Wed Sep 11 12:55:19 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA07004 for <aprssig@tapr.org>; Wed, 11 Sep 1996 12:55:06 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by mailhost1.primenet.com (8.7.5/8.7.1) with ESMTP id KAA05646 for <aprssig@tapr.org>; Wed, 11 Sep 1996 10:55:05 -0700 (MST)
Received: from primenet.primenet.com (ip206.prc.primenet.com [204.212.56.206]) by primenet.com (8.7.5/8.7.5) with SMTP id KAA14507 for <aprssig@tapr.org>; Wed, 11 Sep 1996 10:54:37 -0700 (MST)
Message-Id: <2.2.32.19960911165458.0067fe64@mailhost.primenet.com>
X-Sender: alanwc7r@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 11 Sep 1996 10:54:58 -0600
To: aprssig@tapr.org
From: "Alan K. Unangst" <alanwc7r@primenet.com>
Subject: KO4HD Plz Contact Me

KO4HD, Please send me your E-mail address. I have some questions about JAVAAPRS.

Thanks, Alan
Alan K. Unangst, WC7R
E-mail: alanwc7r@primenet.com
Amateur Radio Packet: WC7R @ KB7FRV

From Gordo42@aol.com Wed Sep 11 13:33:19 1996
Received: from emout12.mail.aol.com (emout12.mx.aol.com [198.81.11.38]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA07972 for <aprssig@tapr.org>; Wed, 11 Sep 1996 13:33:16 -0500 (CDT)
From: Gordo42@aol.com
Received: by emout12.mail.aol.com (8.6.12/8.6.12) id OAA13569 for aprssig@tapr.org; Wed, 11 Sep 1996 14:32:44 -0400
Date: Wed, 11 Sep 1996 14:32:44 -0400
Message-ID: <960911143244_199281856@emout12.mail.aol.com>
To: aprssig@tapr.org

Subject: APRS for MFJ 1278

I was wondering if you had a program that would work on the MFJ 1278 or the MFJ 1270.

The MFJ 1278 is set for 7 bit and all of the APRS programs I have found so far will not work due to the fact that they are written for 8 bit.

Due you know where I can find a copy that will run on the MFJ 1278.

I am presently using APRS66 on a borrowed Kantronics TNC.

Any help would be appreciated.

Thank you,
AA8GV

From jagrelo@concentric.net Wed Sep 11 13:56:30 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA08765 for <aprssig@tapr.org>; Wed, 11 Sep 1996 13:56:29 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id OAA01467; Wed, 11 Sep 1996 14:55:40 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@concentric.net>
Received: from crc3.pop3.net (cnc059034.concentric.net [206.83.77.34])
     by cliff.cris.com (8.7.5)
     id OAA22823; Wed, 11 Sep 1996 14:56:22 -0400 (EDT)
Message-ID: <323736B1.7244@concentric.net>
Date: Wed, 11 Sep 1996 15:01:21 -0700
From: Joe Agrelo <jagrelo@concentric.net>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4635] KO4HD Plz Contact Me
References: <2.2.32.19960911165458.0067fe64@mailhost.primenet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alan K. Unangst wrote:
>
> KO4HD, Please send me your E-mail address. I have some questions about JAVAAPRS.
>
> Thanks, Alan
> Alan K. Unangst, WC7R
> E-mail: alanwc7r@primenet.com
> Amateur Radio Packet: WC7R @ KB7FRV

Hi Alan,

Whos e-mail address are you lokking for?

73 De Joe N2OOC (new address & phone effective 8/15)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            Agrelo Engineering
        Joe Agrelo/President
    P.O.Box 231 Pattersonville, NY 12137 USA
          ph (518)864-7551 effective 8/15
         fax (518)864-7553 "   "
     mailto:Jagrelo@cris.com
  WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
     based Doppler, talking products and RF.
   Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From jagrelo@concentric.net Wed Sep 11 14:30:46 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA10113 for <aprssig@tapr.org>; Wed, 11
Sep 1996 14:30:44 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id PAA09597; Wed, 11 Sep 1996 15:29:57 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@concentric.net>
Received: from crc3.pop3.net (cnc059034.concentric.net [206.83.77.34])
     by cliff.cris.com (8.7.5)
     id PAA28166; Wed, 11 Sep 1996 15:30:39 -0400 (EDT)
Message-ID: <32373EBA.1B13@concentric.net>
Date: Wed, 11 Sep 1996 15:35:38 -0700
From: Joe Agrelo <jagrelo@concentric.net>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4635] KO4HD Plz Contact Me
References: <2.2.32.19960911165458.0067fe64@mailhost.primenet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alan K. Unangst wrote:
>
> KO4HD, Please send me your E-mail address. I have some questions about JAVAAPRS.
>
> Thanks, Alan
> Alan K. Unangst, WC7R
> E-mail: alanwc7r@primenet.com
> Amateur Radio Packet: WC7R @ KB7FRV

Please disregard my last message, your looking for KO4HD's e-mail. I
missed the call, duh!

PS-javAPRS is now at our web site, I did it between the hour of 1 and
2am. It was easy for me since all I had to do was copy and paste.

73 De Joe N2OOC (new address & phone effective 8/15)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            Agrelo Engineering
        Joe Agrelo/President
    P.O.Box 231 Pattersonville, NY 12137 USA
          ph (518)864-7551 effective 8/15
         fax (518)864-7553 "   "
     mailto:Jagrelo@cris.com
  WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
     based Doppler, talking products and RF.
   Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From alan@ernest.itg.ti.com Wed Sep 11 14:42:47 1996
Received: from gatekeep.ti.com (news.ti.com [192.94.94.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA10550 for <aprssig@tapr.org>; Wed, 11 Sep 1996
14:42:45 -0500 (CDT)
Received: from robin.itg.ti.com ([128.247.31.238]) by gatekeep.ti.com (8.6.13)
with ESMTP id OAA25225 for <aprssig@tapr.org>; Wed, 11 Sep 1996 14:42:10 -0500
Received: from ernest.itg.ti.com (ernest.itg.ti.com [128.247.54.194]) by
robin.itg.ti.com (8.7.3/8.6.11) with SMTP id OAA01065 for <aprssig@tapr.org>; Wed,
11 Sep 1996 14:34:51 -0500 (CDT)
Received: by ernest.itg.ti.com (Smail3.1.28.1 #4)
     id m0v0v9H-00003uC; Wed, 11 Sep 96 14:40 CDT
Message-Id: <m0v0v9H-00003uC@ernest.itg.ti.com>
From: alan@ernest.itg.ti.com (Alan Edmonds)
Subject: 7.7b bug report?
To: aprssig@tapr.org
Date: Wed, 11 Sep 1996 14:40:34 -0500 (CDT)
In-Reply-To: <Pine.BSF.3.91.960910222552.5264A-100000@laraby.tiac.net> from
"Richard Amirault" at Sep 10, 96 09:39:51 pm
Organization: Texas Instruments, Inc. Plano TX
X-Mailer: ELM [version 2.4 PL21]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I noticed two 'bugs' in 7.7b.

1) File->DOS gave me an 'illegal function call' error. APRS aborted.

2) The version on the logo screen says 7.7a. I ftped aprs77b.zip
from tapr on Tuesday.

--
Alan Edmonds, KB5ZUY   Texas Instruments, Inc.
System Administrator, Composer Development   M/S 8515
Phone: +1-214-575-6427   6620 Chase Oaks Blvd.

Email: Alan.Edmonds@ti.com Plano, TX, USA 75023

From bruninga@nadn.navy.mil Wed Sep 11 14:54:36 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA10984 for <aprssig@tapr.org>; Wed, 11 Sep 1996 14:54:32 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id PAA22079 for <aprssig@tapr.org>; Wed, 11 Sep 1996 15:59:31 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 11 Sep 1996 15:59:31 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4636] APRS for MFJ 1278
In-Reply-To: <960911143244_199281856@emout12.mail.aol.com>
Message-ID: <Pine.GSO.3.95.960911155912.21674A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just set your 1278 to 8 bits... I think it is the 8bit on command.

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From paulc@cyclades.com Wed Sep 11 15:20:24 1996
Received: from main.cyclades.com (easyfm.mediacity.com [205.216.172.145]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA12159 for <aprssig@tapr.org>; Wed, 11 Sep 1996 15:20:19 -0500 (CDT)
Received: from tech (paul@tech.cyclades.com [206.221.221.34]) by main.cyclades.com (8.7.5/8.7.3) with SMTP id NAA09152 for <aprssig@tapr.org>; Wed, 11 Sep 1996 13:23:31 -0700
Sender: paul@main.cyclades.com
Message-ID: <32371F00.628275F3@cyclades.com>
Date: Wed, 11 Sep 1996 13:20:16 -0700
From: Paul Christenson <paulc@cyclades.com>
Organization: Cyclades Corporation
X-Mailer: Mozilla 3.0b6Gold (X11; I; Linux 2.0.13 i586)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4629] Re: APRS Quake monitoring system
References: <Pine.GSO.3.95.960911111253.25098M-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

> I am a skeptic about most pseudo science, but [...]

It's been documented many times that animals often behave strangely

shortly before an earthquake. This indicates that *something* is
happening before the quake. We just haven't found it yet. Most living
things, including us, are sensitive to EM fields in subtle ways.

--
+---+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| Maker of High Performance Multiport Serial Cards |
+---+

From dbbrumm@mtu.edu Wed Sep 11 15:27:44 1996
Received: from opus.mtu.edu (root@opus.mtu.edu [141.219.70.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id PAA12341 for <aprssig@tapr.org>; Wed, 11 Sep 1996
15:27:37 -0500 (CDT)
Received: from mtu.edu (mtu.edu [141.219.70.1])
     by opus.mtu.edu (8.6.13/8.6.12) with ESMTP id QAA11851
     for <aprssig@tapr.org>; Wed, 11 Sep 1996 16:27:08 -0400
Received: from pobox.ee.mtu.edu (pobox.ee.mtu.edu [141.219.23.145])
     by mtu.edu (8.6.13/8.6.12) with ESMTP id QAA14255
     for <aprssig@tapr.org>; Wed, 11 Sep 1996 16:27:08 -0400
Received: from eefac-pc5 (eefac-pc5.ee.mtu.edu [141.219.23.55]) by
pobox.ee.mtu.edu (8.6.10/MTU-R1.4) with SMTP id QAA25852 for <aprssig@tapr.org>;
Wed, 11 Sep 1996 16:26:27 -0400
Message-Id: <199609112026.QAA25852@pobox.ee.mtu.edu>
X-Authentication-Warning: pobox.ee.mtu.edu: Host eefac-pc5.ee.mtu.edu claimed to
be eefac-pc5
X-Sender: dbbrumm@eefacpcsrv.ee.mtu.edu
X-Mailer: Windows Eudora Version 2.0.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 11 Sep 1996 16:27:30 -0400
To: aprssig@tapr.org
From: dbbrumm@mtu.edu (Doug Brumm)
Subject: Electronic devices in aircraft

Hi all,

The September issue of IEEE Spectrum has a feature article on this topic. It
might cause you to stop flying until the rules are stiffened/enforced!!

73 de Doug   K8LHM   Calumet, MI   dbbrumm@mtu.edu

From ku0g@sprynet.com Wed Sep 11 16:20:29 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA15409 for <aprssig@tapr.org>; Wed, 11 Sep 1996
16:20:25 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id OAA05158 for <aprssig@tapr.org>; Wed, 11 Sep 1996 14:17:38 -0700
Date: Wed, 11 Sep 1996 14:17:38 -0700
Message-Id: <199609112117.OAA05158@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4580] Re: SKYWARN PART 2

>O yes Daniel there is a very good reason to have that type of service on it's
>own frequency, you must not have read my message very well. There are very
>good reasons not to share freq's with Skywarn, Ares, Races, etc. Already i
>have seen messages saying that there's no reason for APRS users to be having
>local keyboard sessions, that Skywarn is a more important service etc, etc. I
>agree as much as any ham i sure would that Skywarn and all the other related
>services are great for what they do, i myself am very involved in this service
>and that's why i'm saying it will never work sharing the frequency with other
>APRS users, not if you are planning on such a service to grow. Skywarn or
>Races or Ares etc cannot expect those users that have been here to make APRS
>grow to what it is today to get off or even co-exist with those services,
>because i already see a trend for those groups to take over and use the
>network that others have built up over time for just that service and kick off
>the person (Later) that did all the hard work. Again i'm not flaming, let me
>make this clear to those that are ready hands on the keyboard and waiting to
>flame me. Just my opinion again!.
>
>--
You're missing the point here, Bill. It's not about sharing resources, it's
about getting along and recognizing that there ARE, indeed, times when one
service should yield to the other. Separate networks are ONLY needed where
the users
refuse to get along.

In DOS APRS there is ALWAYS the SPCL net. Everyone sees you but SPCL group
doesn't see anything else except stuff sent to SPCL. Then there is the
closed network feature. There is absolutely no reason why there should be
separate frequencies!

I can, however, see that in a MATURE SKYWARN network where a full-blown
system of remote WX sites, spotters, trackers, NWS office and so forth are
using APRS for Full-Time WX work that there couldbe the need for an
alternate frequency.

Again, the bottom line is COOPERATION. Keyboarding should cease during any
emergency situation (on APRS or ANY other network). That's in the rules,
isn't it?
Intentionally impeding emergency communications by failure to yield to
emergency traffic is malicious interference, pure and simple.

Folks has just gotta larn to work together!

73 de Jim, KU0G

From ku0g@sprynet.com Wed Sep 11 16:27:45 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA15627 for <aprssig@tapr.org>; Wed, 11 Sep 1996

16:27:42 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id OAA07440 for <aprssig@tapr.org>; Wed, 11 Sep 1996 14:24:56 -0700
Date: Wed, 11 Sep 1996 14:24:56 -0700
Message-Id: <199609112124.OAA07440@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4593] Re: SKYWARN PART 2

>I concur. WX spotting AND GPS together gave the impetus to get
>APRS going in Quad Cities Iowa/Illinois.
>73,
>Bill

And it's about to do the same thing again in Kansas City! (you know "everything's up to date in Kansas City") Our NWS station will be on the air sometime very soon when NWS finishes installing its new computer network. Space is already allocated and awaits our equipment! Next thing we'll see are storm-spotters with stand-alone trackers or MIM modules to report their exact position back to NWS along with verbal reports!

Exciting time to be in amateur radio and packet, isn't it guys!

(Nice to see you on the SIG, Bill! I passed through QC Labor Day Monday and didn't see a soul live on 145.79....Had hoped to at least say a quick HI to you all)

73 de Jim, KU0G)
>

From ku0g@sprynet.com Wed Sep 11 16:30:37 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA15702 for <aprssig@tapr.org>; Wed, 11 Sep 1996 16:30:35 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id OAA08088 for <aprssig@tapr.org>; Wed, 11 Sep 1996 14:27:47 -0700
Date: Wed, 11 Sep 1996 14:27:47 -0700
Message-Id: <199609112127.OAA08088@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Blackjack Run Commencing!

All of you that have made reservations for the second run of the BLACKJACK GPS ANTENNA should send your payment and order in NOW! The work has begun and units will begin shipping in about 14 days.

Send CASHIERS CHECK or MONEY ORDER (made payable to James Duncan) in the amount of $43.00 per unit (includes shipping and handling) to:

BLACKJACK ANTENNA
13 N.W. Barry Road, #141
Kansas City, MO 64155

Sorry to waste bandwidth but needed to get this out today. I'll do personal EMail to all who have reservations tomorrow!

73 de Jim, KU0G
Blackjack GPS Antennas

From james-m@ix.netcom.com Wed Sep 11 16:52:59 1996
Received: from dfw-ix1.ix.netcom.com (dfw-ix1.ix.netcom.com [206.214.98.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA16552 for <aprssig@tapr.org>; Wed, 11 Sep 1996 16:52:57 -0500 (CDT)
Received: from #james-m (sav-ga1-08.ix.netcom.com [205.184.8.40]) by dfw-ix1.ix.netcom.com (8.6.13/8.6.12) with ESMTP id OAA02557 for <aprssig@tapr.org>; Wed, 11 Sep 1996 14:52:25 -0700
Message-Id: <199609112152.OAA02557@dfw-ix1.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4608] Re: Yet another possibly stupid question
Date: Wed, 11 Sep 1996 17:51:21 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thanks Tom for the quick reply, I will try your suggestions, The only one that I am sure that I can do tho is decrease the com port baud rate.. I currently am running APRS in the Windows 95 background on an ACER Pentium computer. It has the 16550 uart chips I believe.

Anyways, Thanks again for the suggestions.
Don

> From: Tom Devine <epdkr@hurricane.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:4608] Re: Yet another possibly stupid question
> Date: Wednesday, September 11, 1996 4:37 AM
>
>
>
> ----------
> > From: Don Murray <james-m@ix.netcom.com>
> > To: aprssig@tapr.org

> > Subject: [APRSSIG:4605] Yet another possibly stupid question
> > Date: Tuesday, September 10, 1996 8:40 PM
> >
> > What are the consequences if any of ignoring the "Com buffer overflow
> > error" that occasionally pop up from time to time. I have had these
> error
> > occur with a 386laptop, a compaq 386, a packard bell 486, an Acer
pentium
> > computer. More often on the 386's but they have occurred on the
pentium
> > also.. What happen if I choose to simply ignore the error message??
>
>
> One draw back is you lose data! In a Windows 3.1xx versions where DOS is
> active, you can
> increase the com buffers.... try that- if you still having trouble slow
the
> port down, i.e., go from say 9600 baud to 4800, etc.
>
> This may help or may not-
>
> Also consider upgrading you I/O board to include a better UART chip...
>
> 73 Tom
>

From rwf@mindspring.com Wed Sep 11 17:26:43 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA17953 for <aprssig@tapr.org>; Wed,
11 Sep 1996 17:26:39 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id SAA11977 for
<aprssig@tapr.org>; Wed, 11 Sep 1996 18:26:35 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id SAA23528 for
<aprssig@tapr.org>; Wed, 11 Sep 1996 18:26:31 -0400
Message-Id: <2.2.32.19960911222943.006feaf0@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 11 Sep 1996 18:29:43 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4607] Upgrading APRS 7.3d to 7.7 HELP!

For one thing, the maplists need to now be in a directory by themselves.
Read the "newnotes.txt" file.
(I think that is its name)

At 01:30 AM 9/11/96 -0500,KB8PFfwrote:

I have downloaded the 7.7 and just tried to copy the
>"aprs77.exe" into my aprs dir. when I tried
>to run it I got the following on my screen.
>
>CAN'T FIND MAPS!
>STOP IN LINE 0 OF MODULE APRS76W AT ADDRESS 059F:6C79
>
>What is the best way to upgrade to 7.7 from 7.3d
>

From rwf@mindspring.com Wed Sep 11 17:26:43 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA17955 for <aprssig@tapr.org>; Wed,
11 Sep 1996 17:26:40 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id SAA11984 for
<aprssig@tapr.org>; Wed, 11 Sep 1996 18:26:37 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id SAA23536 for
<aprssig@tapr.org>; Wed, 11 Sep 1996 18:26:33 -0400
Message-Id: <2.2.32.19960911222944.006f875c@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 11 Sep 1996 18:29:44 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4617] Re: APRS Airshow

Yes I have personally verified it in private aircraft AND ON DELTA (for
knutt, the pilot).
It does shut down!
Ralph

At 09:27 AM 9/11/96 -0500,KU0G wrote:
>I thought that we had documented (from Florida air experiments early 1996)
>that the GPS-45 shuts down above 99 knots?

From rwf@mindspring.com Wed Sep 11 17:26:50 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA17956 for <aprssig@tapr.org>; Wed, 11
Sep 1996 17:26:41 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id SAA07917; Wed, 11 Sep 1996
18:26:39 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id SAA23560;
Wed, 11 Sep 1996 18:26:34 -0400
Message-Id: <2.2.32.19960911222946.006e6e40@mindspring.com>

X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 11 Sep 1996 18:29:46 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>

Since someone here usually posts certain messages from here over to the coordinator's mailing list, I thought I'd let you see this message from that list. The Author is the fone of the original Directors and Incorporators of the National Frequency Coordinator's Council, who is acting as the new SPOC (Single Point of Contact) organization.

Someone may need to explain to him that most APRS users are cognizant of the proximity and take measures to avoid interference. Hopefully the satellite does the same ;-) <wink>.

From: WhitBrown@aol.com

Whit quoted Werner:

In a message dated 96-09-10 08:07:20 EDT, WERNER.W.F-@smtpgty.bwi.wec.com (WERNER.W.F-) writes:

>
>Hey guys, TMARC/DMARC are beginning negotiations about bandplanning -
>trying to make sense of the voice/digital thing. Would like your comments
>on the following:
>
>1.) 2 meters, how about digital in 144.3 to 144.5? Repeater directory
>shows as satellite but our satellite folks disavow any knowledge of its use
>for this purpose. Rumor has it that other areas have designated this for
>packet/simplex.
>

Then Whit said:

Bill, My satellite sources says there is indeed satellite activity on 144.3-144.5, much of is it nonpublished command frequencies, and is so alloted by most countries. I hope this doesn't turn into another inconsiderate digital excursion into satellite uses like the APRS moving into 145.79...right up against 'em.

From wa8inz@cris.com Wed Sep 11 18:21:01 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA20832 for <aprssig@tapr.org>; Wed, 11 Sep 1996 18:20:58 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id TAA23315; Wed, 11 Sep 1996 19:20:01 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80145.concentric.net [206.83.64.45])
     by cliff.cris.com (8.7.5)
     id TAA08310; Wed, 11 Sep 1996 19:20:42 -0400 (EDT)
Message-ID: <32376546.3CF0@cris.com>
Date: Wed, 11 Sep 1996 18:20:06 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4643] Re: SKYWARN PART 2
References: <199609112117.OAA05158@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Duncan wrote:
>
> >O yes Daniel there is a very good reason to have that type of service on it's
> >own frequency, you must not have read my message very well. There are very
> >good reasons not to share freq's with Skywarn, Ares, Races, etc. Already i
> >have seen messages saying that there's no reason for APRS users to be having
> >local keyboard sessions, that Skywarn is a more important service etc, etc. I
> >agree as much as any ham i sure would that Skywarn and all the other related
> >services are great for what they do, i myself am very involved in this service
> >and that's why i'm saying it will never work sharing the frequency with other
> >APRS users, not if you are planning on such a service to grow. Skywarn or
> >Races or Ares etc cannot expect those users that have been here to make APRS
> >grow to what it is today to get off or even co-exist with those services,
> >because i already see a trend for those groups to take over and use the
> >network that others have built up over time for just that service and kick off
> >the person (Later) that did all the hard work. Again i'm not flaming, let me
> >make this clear to those that are ready hands on the keyboard and waiting to
> >flame me. Just my opinion again!.
> >
> >--
> You're missing the point here, Bill. It's not about sharing resources, it's
> about getting along and recognizing that there ARE, indeed, times when one
> service should yield to the other. Separate networks are ONLY needed where
> the users
> refuse to get along.
>
> In DOS APRS there is ALWAYS the SPCL net. Everyone sees you but SPCL group
> doesn't see anything else except stuff sent to SPCL. Then there is the
> closed network feature. There is absolutely no reason why there should be
> separate frequencies!
>

> I can, however, see that in a MATURE SKYWARN network where a full-blown
> system of remote WX sites, spotters, trackers, NWS office and so forth are
> using APRS for Full-Time WX work that there couldbe the need for an
> alternate frequency.
>
> Again, the bottom line is COOPERATION. Keyboarding should cease during any
> emergency situation (on APRS or ANY other network). That's in the rules,
> isn't it?
> Intentionally impeding emergency communications by failure to yield to
> emergency traffic is malicious interference, pure and simple.
>
> Folks has just gotta larn to work together!
>
> 73 de Jim, KU0G

No i don't think i'm missing the point Jim, you stated it yourself above that keyboarding and all other activity is to stop!. This is why i suggested another frequency would be better instead of expecting everyone to stop all their activity because those folk need the frequncy. Would it not be better to aquire a frequency of it's own where everyone would now not to go there unless there's a reason to participate. I can understand why they want to, all the hard work of getting a good
network setup is already there and done by others. And i doesn't have anything to do with getting along with each other. I'm just bringing up some points that would i'm sure bother more then a few APRS users. And Jim i have FCC part 97 in the shack
here like i'm suppose to have thank you Hi. I had no intention for this to be a flame, but i'm sure many will take it as such. Like i stated before i had to fight hard to get this frequency coordinated (By the way i maybe very well the only one in Alabama that does have a coordinated Digi frequency) to be very concerned about how it's going to be used and why. I look at it no different then would any other coordinated packet Digi. But then again if the majority of the users in this area would agree with using it for Skywarn or whatever would be fine with me, but that doesn't mean that would be the best thing to do.I'm still convinced that a Skywarn APRS frequency would serve the community much better then trying to use an existing
network with already many users on it.

--
                \////
                (0 0)
           --o0-(_)-0o--
           wa8inz@amsat.org
           wa8inz@cris.com
     Check out my A.P.R.S Web Page.
   THANKS TO THOSE MENTOR VOLENTEERS
  Also check out my WA8INZ Home page.

   http://www.concentric.net/~wa8inz

From billh@netins.net Wed Sep 11 20:01:07 1996
Received: from worf.netins.net (root@worf.netins.net [167.142.225.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA24234 for <aprssig@tapr.org>; Wed, 11 Sep 1996

20:01:05 -0500 (CDT)
Received: from 199.120.94.75 (elrg-01-10.dialup.netins.net [199.120.94.75]) by
worf.netins.net (8.8.Beta.1/8.8.Beta.1) with SMTP id UAA22668 for
<aprssig@tapr.org>; Wed, 11 Sep 1996 20:00:59 -0500 (CDT)
Message-ID: <323760E9.1EA8@netins.net>
Date: Thu, 12 Sep 1996 01:01:29 +0000
From: "John W.(Bill) Hays" <billh@netins.net>
Reply-To: billh@netins.net
Organization: INS Info Services, Des Moines, IA, USA
X-Mailer: Mozilla 2.0 (Macintosh; U; 68K)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4642] Electronic devices in aircraft
References: <199609112026.QAA25852@pobox.ee.mtu.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug Brumm wrote:
>
> Hi all,
>
> The September issue of IEEE Spectrum has a feature article on this topic. It
> might cause you to stop flying until the rules are stiffened/enforced!!
>
> 73 de Doug   K8LHM   Calumet, MI   dbbrumm@mtu.edu
Looks like we btr go bk to GCA and Precision RADAR Approaches,
I used to do for 20 years in USAF. Hi
73, Bill

From rsellers@firecraker.com Wed Sep 11 20:23:29 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA24965 for <aprssig@tapr.org>; Wed, 11 Sep 1996
20:23:12 -0500 (CDT)
Date: Wed, 11 Sep 1996 20:23:12 -0500 (CDT)
Message-Id: <199609120123.UAA24965@tapr.org>
X-ROUTED: Wed, 11 Sep 1996 20:23:36 -0500
Received: from RSELLERS [199.190.124.27] by rockford.com with smtp
     id BEBHAAEJ ; Wed, 11 Sep 1996 20:23:00 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4615] Re: Too much time on my hands....

>
>> The I vote for Chicago Suburb Area <grin> We have about 60-70 stations
>>in close proximity just in northern illinois and southern Wisconsin. Jim,
>>you saw that while you were here.
>>
>> side note: I changed IP's again. note new e-mail address "just in case"...
>>

>>73,
>>
>>Roger Sellers
>>Amateur Radio: KB9LBU
>True, Roger, but only three people even acknowledged that I was in the
>Chicago area over Labor Day weekend! I was really disappointed particularly
>when one guy said they were all at a meeting in Streamwood (where I was
>passing through at the time!) and didn't even invite me to the meeting or
>respond when I asked where it was!!!
>
>Maybe I'm wrong here, BUT I would expect that a visiting APRS mobile ought
>to have been made feel more welcome. In Kansas City we attempt to contact
>anyone passing through and at least someone says "hey, stop in if you've got
>time!"
>
>Granted the Chicago area DOES have a lot of users but my initial impression
>is that they aren't interested in socializing with visitors. I hope I'm
>wrong because I've met a LOT of wonderful people in Chicago in my may trips
>there over the past 10 years. I have found that face-to-face Chicagoland
>people are genuinely nice and eager to make us "furriners" welcome and feel
>at home! Maybe I expected too much from the amateur community???
>
>Don't take this personal, Chicago folks, I guess I was just really
>disappointed because Karla and I had planned on taking time to visit and
>meet you during our vacation...I hope that it works out better in December
>when I come to Midwest Band and Orchestra Clinic right before Christmas!
>
>Best 73 de Jim, KU0G
>Kansas City APRS Coordinator
>EMail: ku0g@sprynet.com
>Frank Steinbeck, Computer Tech/Coordinator
>West Nodaway R-1 School
>P. O. Box 260
>Burlington Jct., MO 64428
>816) 725-4613
>
>
  Well...... um...er... what can I say. We were all busy washing the car. Yeah that's it, we were washing our cars. No... that wont work, I used that last week.
 Hummm... lets see....I know!
    Jim, I used my APRS/GPS equipment to monitor and track you as you left. We ran an intercept course and caught you before you left Illinois empty handed. WA9FFL and I had a enjoyable time chatting with you and Karla at lunch and will look forward to your next trip here.

  How's That? <grin>

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com

             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From rsellers@firecraker.com Wed Sep 11 20:25:34 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA25040 for <aprssig@tapr.org>; Wed, 11 Sep 1996
20:25:31 -0500 (CDT)
Date: Wed, 11 Sep 1996 20:25:31 -0500 (CDT)
Message-Id: <199609120125.UAA25040@tapr.org>
X-ROUTED: Wed, 11 Sep 1996 20:25:48 -0500
Received: from RSELLERS [199.190.124.27] by rockford.com with smtp
     id BEBJCHAN ; Wed, 11 Sep 1996 20:25:38 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4617] Re: APRS Airshow

>
>I thought that we had documented (from Florida air experiments early 1996)
>that the GPS-45 shuts down above 99 knots?
>
>(Help me out here, Rich...)
>
>I hope that I'm mistaken because we have something brewing along those lines
>here in KC....
>
>73 de Jim, KU0G

That is correct a Garmin 45 will not display direction and speed above 99
knots. Here they are there by you, see if you can convince them in the
errors of their logic <grin>.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From rsellers@firecraker.com Wed Sep 11 20:28:05 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA25138 for <aprssig@tapr.org>; Wed, 11 Sep 1996
20:28:02 -0500 (CDT)
Date: Wed, 11 Sep 1996 20:28:02 -0500 (CDT)
Message-Id: <199609120128.UAA25138@tapr.org>

X-ROUTED: Wed, 11 Sep 1996 20:28:18 -0500
Received: from RSELLERS [199.190.124.27] by rockford.com with smtp
     id BEBMAHDM ; Wed, 11 Sep 1996 20:28:08 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4618] Re: Too much time on my hands....

>>Great! Let's have it in Branson! We can watch Boxcar Willie and talk ARPS
>>at the same time. What a joke! Naaaaaaaaa.......... KC is a Great Idea!
>>
>I hate to admit it, BUT Branson is one of the primary sites I was
>considering due to the possibility of having plenty for the non-ham family
>members to do while the rest of us sit around chatting about APRS!
>
>73 de Jim, KU0G
  You know, there is logic in that. It might help sell the idea to a spouse
to gain support.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From lpchvn@juno.com Wed Sep 11 21:05:43 1996
Received: from x8.boston.juno.com (x8.boston.juno.com [205.231.101.24]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26751 for <aprssig@tapr.org>; Wed, 11
Sep 1996 21:05:39 -0500 (CDT)
Received: (from lpchvn@juno.com) by x8.boston.juno.com (queuemail)
     id VAA21745; Wed, 11 Sep 1996 21:58:25 EDT
To: aprssig@tapr.org
Subject: re:APRS SOFTWARE
Message-ID: <19960911.211848.4639.2.lpchvn@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1,4,6-7,9-11
From: lpchvn@juno.com (Leo-Paul A Chauvin)
Date: Wed, 11 Sep 1996 21:58:25 EDT

Hi Bob, -Just a note to let you know that I received the APRS SOFTWARE
disk, but I have a problem,I cannot unzip the files,
I printed the INSTALL.TXT file, and the instructions says, to use a
recent version (1993) of PKUNZIP.EXE, and says that the file,
PKUNZIP.EXE, is omitted on some disks to make room,
I have searched my files, but I do not have that recent version of

PKUNZIP.EXE
any help where I could get that version would be very much appreciated,
Thanks, Paul ,
KA1QP

lpchvn@juno.com

From etjm@ECUA.NET.ec Wed Sep 11 21:48:15 1996
Received: from ecua.net.ec (ecua.net.ec [157.100.1.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA28429 for <aprssig@tapr.org>; Wed, 11 Sep 1996
21:48:01 -0500 (CDT)
Received: from [157.100.1.88] by ecua.net.ec (AIX 4.1/UCB 5.64/4.04)
id AA69152; Wed, 11 Sep 1996 21:43:03 -0500
Message-Id: <9609120243.AA69152@ecua.net.ec>
X-Sender: etjm@az.pro.ec
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 11 Sep 1996 21:50:19 -0500
To: aprssig@tapr.org
From: etjm@ECUA.NET.ec (Ing Teodoro Jaramillo M.)
Subject: Re: [APRSSIG:4627] APRS & WX & GPS NETWORK.

Hello BOB and readers of APRSSIG
I am a good reader, listener and GOOD STUDENT of digital technologies, and
try to apply them accordingly to the local enviroment
which is "totally VIRGIN LAND" for development.. therefore being the only
sysop in Ecuador and work and practive all possible modes on most bands..
I have been learning for a long time now APRS and all i can do is applaude
loudly to Mr. Bob Bruninga for his works and now his patience .

my request is simple and therefore it will turn inmediately complex:
I have been requested by the National Civil Defense to design a digital
network (ecuador is smaller than NEVADA JUST IN CASE) WHICH WILL
CARRY FOR 20 PROVINCES A NETWORK OF : SHORT DATA PACKET TYPE, GPS
FIXED,REMOTE, RESCUE,MOBIL, AIR, MARINE, PORTABLE IF NEEDED AND MOST
IMPORTANT IS THE NETWORKING OF WEATHER INFORMATION FROM AND TO ALL
THE PLACES IN THE PROVINCES (20) GALAPAGOS WILL BE ON HC8 ON H.F.

QUESTIONS:
1. HOW ADAPTABLE IS THE WEATHER PACKET DATA TO TRAVEL THRU A
FAIR NUMBER OF DIGITAL REPEATERS (TO COVER ECUADOR ABOUT 8-10)

2. THE RAW WX DATA SHOULD BE CAPTURED AND EVALUATED STORED ANALYZED
ETC IN AT LEAST 4-6 CENTERS AROUND THE COUNTRY MOSTLY IN THE
BIG CITIES.

3. LIKEWISE WITH G.P.S GATHERED ,CAPTURED INFORMATION.

4. IT IS POSSIBLE TO ENCLOSE SHORT PACKET DATA COMMENTS EITHER ON WX AND
OR GPS THRU THIS SORT OF NETWORK...???.

5. WHICH TYPE, BRAND, PROTOCOL, ACCESORIES, FOR WEATHER AND ALSO FOR

G.P.S. WITH TNC'S ARE THE MOST RELIABLE I HAVE READ OF MANY TYPES BRANDS FOR WEATHER NOT MANY BUT FOR GPS SEVERAL TNC'SMODEM COMBI NATIONS(I AM USING A PACCOM TINY2-MK2-GPS WITH KAM+, KPC-3 AND SHORTLY WITH KANTRONICS 9612.

6. CAN HIGHER SPEEDS THAN 1200 BAUD BE ACCOMODATED IN A NETWORK FOR THE SAKE OF RELIABILY,SPEED,TIME AND OR IS IT BETTER TO STAY FOR RELIABLE KNOWN SPEED 1200 BAUD ON VHF AND ALSO PERHAPS PRICE AND AVAILABILITY OF PARTS FOR SYSTEM CONFIGURATION. PSE ADVISE.

7. SITES WE HAVE ALL THE WAY FROM 16000 FT(THAT IS RIGHT) LOOKING AT NEARLY 350-400 KILOMETERS COVERAGE OVER THE COAST-LINE FLAT LANDS FROM THE ANDES AND FROM SAME SITES PERFECT DIGI-LINKING OR GOING TO DUAL PORTS AND HIGHER SPEEDS IF NEEDED.

8. MOST OF THE WEATHER INSTRUMENTS WILL BE AT OR NEAR THE AIRPORTS WHERE THERE IS QUALIFIED PERSONNEL, SAFETY AND INSTALLATIONS ALL READY AVAAILABLE, OTHERS IN BUILDINGS AND REMOTE AREAS AS WELL.

9 FREQUENCIESWELL THERE IS NOT MUCH OF A FIGHT... HERE AT ALL AND THERE IS A FEW VOICE REPEATERS SCATERRED IN THE 145- UP TO 148 MHZ. UHF IS CLEAR 43-450 MHZ.

10. LAST QUESTIONS BEFORE MAKING THIS UNREADABLE AND TIRING TO BOB AND OTHERS.... SUGGSTIONS ON EQUIPMENT SINCE MOST OF IT OR ALL OF IT WILL BE NEW... COULD ATTEMPT TO ACQUIRE GOOD FILTERED, REALIABLE, POWER FULL RADIOS (DATA-READY) WHICH COULD BE USED FOR VOICE AND WX-GPS PERHAPS NORMAL PACKET WHENEVER THIS RADIOS-SITES ARE NEAAR OPERATORS AND COULD ALSO CHANGE FRECUENCIES AND DO ""REAL FAST PACKET DATA FOR THE NATIONAL CIVIL DEFENSE ORGANIZATION" INPARALELL WITH THE WX=-GPS AND SHORT DATA COMMENTS...

I CERTAINLY BOB APPRECIATTE YOUR INITIAL COMMENTS, PARTIAL, INITIAL AND IF NEEDED WE SHALL DISCUSS THIS THRU OTHER MEANS, FAX AND OR DIRECT E-MAIL... BUT I AM SURE THAT THE EXPERIENCE FROM MANY APRS=GPS WX THAT I SEE SO ACTIVE IN THE 10.151 WHICH I MONITOR THEIR COMMENTS CERTAINLY WILL BE MORE THAN WELCOME TO BUILD THE BASIS OF THE DESIGN FOR THIS EXITING PROJECT WHICHIS FEASIBLE REGARDING, BUDGET, SITES, ACCESS, POWER, TOWERS, ETC WHICH MAKE IT POSSIBLE TO IMPLEMENT. MY EXPERIENCE IS VERY FAIR IN DIGITAL WORK AND HAVE SEST UP SOME PACKET NETWORKS HERE AND THIS TIME WILL BE BIGGER AND BETTER AND OF A BETTER USEAGE FOR LOCAL, REGIONAL, NATIONAL AMATEUR SUPPORT FOR ALL PARTIES.

PUT ME IN TOUCH WITH MANUFACTURERS AND I SHALL ADDRESS THEM THE PROPER QUESTIONS IN THEIR AREA.. BUT GUIDANCE IS SURELY NEEDED TO CONPREHEND THAT IS POSIBLE TO..... HAVE FLOW OF WEATHER PERIODIC DATA- RATES AND ALSO GPS FLOW AS WELL AS SHORT LINES OF COMMENTS(SUCH AS BEACONS,AND SHORT LOCAL AND OR LONGER DISTANCE QSO'S EXCHANGE OF KEYBOARD TO KEYBOARD.

WATCHING ONLY 10.151 FROM 2200Z THRU 1300Z WITH GOOD ANTENNAS ,RADIO TNC AND LOCATION I ACQUIRE IN A NORMAL EVENING NOT LESS

THAN 20-30 SITES, WEATHER, MOBILES(W7LUS) OTHERS, YATCHS AND
ALOT OF DIGI-STATIONS RELAY TYPES. PROPAGATION MOSLTY PAINTS
FOR MY LOCATION....FROM PANANA TO NORTHERN CANADA THRU THE EASTERN
SEA-BOARD AND MOSTLY INTO TEXAS OKLA, WI,OTHERS,,VERY FEW CALIFORNIANS
MAKE I SEE BILL WB6LPG SOEM OREGON (KEN) .
NEED TO LEARN MORE ON THE GOOD USE OF APRS AND TRICKS... SUCH AS
""SPCL""" ETC.

I READ ALL OF YOUR MESSAGES GUYS AND USUALLY GET A DUMP OF NOT LESS
THAN 40-50 A DAY....WILL STAY AS LONG AS I CAN ON THE APRSSIG
BUT HONESTLY AT TIME....IT IS DISCOURAGING....COMING FROM AN INTERNA
TIONAL READER....MOSST GUYS CAN GET TURN ON ANDON ON NOTHING....
AND SUDDENDLY BEING OF NOT IMPORTANCE "" GOES AWAY"
BUT ALSO ALOT OF INTERSTING SUBJECTS AND MOSTLY ADMIRE YOUR PATIENCE
""BOB BRUNINGA" WHAT A PROGRAM, WHAT A JOB AND OF COURSE OTHERS HELP
IDENTIFY PROBLEMS AND FIND CURES... A GREAT SYSTEM AL IN ALL AND GLAD
TO BE INTO APRS-GPS-AND SOON HOPE "WX".

73'S

FOR WRITTEN MATERIAL, SOFTWARE(SHARE ETC) MANUALS, BOOKS THE
FORWARDERS ADDRESS :

TED JARAMILLO HC5K
CUENCA - ECUADOR S.A.
C/ O ECUATRAVEL
3 5 6 PALM AVENUE
HIALEAH -FLORIDA 33010 IF ANY CHARGES UPS COD THEY WILL
ACCEPT CALLING 305- 885 7744 MRS DONOSO .

DIRECT MAIL :
TED JARAMILLO HC5K
P.O. BOX DX
CUENCA ECUADOR S.A.

FAX 593-7- 817 082 E-MAIL etjm@az.pro.ec

PACKET BBS : HC5K @ NO8M .#NEOH.OH. USA .NOAM

(NOTE SOON WILL HAVE A MAILBOX-BBS SETUP ON 2O METERS AND OTHER QRG'S.
ON CLOVER, PACTOR 1 AND 2 WILL ADVISE.

SORRY FOR THE LONG PLAY ADD, REQUEST,FREE COMMENTS AND OTHERS...

ADIOS TILL THE GOOD NEWS SHOW UP ON MY SCREEN.... THANKS AHEAD
SPECIALLY TO BOB WITH MY RESPECTS AND CONGRATULATIONS ALWAYS.

TED HC5K

ease conisder ignoring fools and stupidity on this SIG and don't feel
>compelled to show how right you are and how wrong someone else is with
>your brilliant diatribe. I dont have time to read this stuff. Just hit

>delete!   Now... my turn, hi hi :-).
>
>All I said was, that serious WX users should *consider* getting a UHF freq
>coordinated for APRS WX. Why does everyone have to then demand that
>everyone else do it their way?
>
>1) Having 145.79 as a common freq is ideal if you can get it. Both
>   WX and GPS can share it. WHy argue that point! SOme areas are
>   more interested in WX, some more in GPS. That's their choice!
>
>2) If you think APRS is NOT growing, and that a single 1200 baud channel
>is sufficient then FINE! Dont try to force your views on someone else!
>
>3) If you think APRS is going to grow both in WX and GPS and Earthquakes
>and ARES and RACES and telemetry and you want to have some control over
>your piece of that network, then simple self preservation should tell YOU
>to start doing something NOW. It aint easy to get a freq. You will never
>pull off the coup that was used in some areas to get 145.79 again...
>
>Thinking that you are going to be able to demand that your network do only
>what you want is not going to work in the long run.
>
>Everything should be considered. New freqs, new bands, 9600, backbones,
>new routing schemes, crosslinks, gateways... etc. Yes, we absolutely need
>to see distant WX. But the routing path is FIXED! DOesnt that suggest
>that operating on what ever freq you can GET is solvable?
>
>Just do something, ORGANIZE, *THINK*, make decisions based on your
>areas needs. Take advantage of the differences in applications, dont try
>to force every application to one solution.
>
>SOAP OFF.. hi hi
>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>
>

From n8chb@tir.com Wed Sep 11 21:49:53 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id VAA28550 for <aprssig@tapr.org>; Wed, 11 Sep 1996 21:49:50 -0500
(CDT)
Received: from n8chb.tir.com (an28liv.tir.com [205.218.84.30]) by tir.com
(8.7.5/8.7) with SMTP id WAA08675 for <aprssig@tapr.org>; Wed, 11 Sep 1996
22:44:15 -0400 (EDT)
Message-ID: <32376BF9.722F@tir.com>
Date: Thu, 12 Sep 1996 02:48:42 +0100
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org

Subject: Re: [APRSSIG:4640] Re: APRS for MFJ 1278
References: <Pine.GSO.3.95.960911155912.21674A-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>
> Just set your 1278 to 8 bits... I think it is the 8bit on command.
>
> APRSdos REPLY/COMMENT:
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
==========

Am I glad AA8GV asked the question abt 8 bit.
AEA TNC's 8bitconv defaults "off"

Thanks for the question and the answer.

73

Roger n8chb

From willf@rrgroup.com Wed Sep 11 21:59:56 1996
Received: from rrgroup3.rrgroup.com (rrgroup3.rrgroup.com [204.95.173.65]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA28915 for <aprssig@tapr.org>; Wed, 11
Sep 1996 21:59:51 -0500 (CDT)
Received: by rrgroup3.rrgroup.com with Microsoft Exchange (IMC 4.0.837.3)
     id <01BBA02C.71C63180@rrgroup3.rrgroup.com>; Wed, 11 Sep 1996 21:59:03 -0500
Message-ID:
<c=US%a=_%p=RRSystemsGroup%l=RRGROUP3-960912025902Z-2318@rrgroup3.rrgroup.com>
From: Willson Flor <willf@rrgroup.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:4653] Re: APRS Airshow
Date: Wed, 11 Sep 1996 21:59:02 -0500
X-Mailer: Microsoft Exchange Server Internet Mail Connector Version 4.0.837.3
Encoding: 9 TEXT

Roger Sellers wrote:

>> That is correct a Garmin 45 will not display direction and speed above 99
>> knots.

And even worse, the NMEA data stops, too!

73 de KB9JTT

From jimkd1yv@ix.netcom.com Wed Sep 11 22:33:45 1996
Received: from dfw-ix6.ix.netcom.com (dfw-ix6.ix.netcom.com [206.214.98.6]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA00563 for <aprssig@tapr.org>; Wed, 11
Sep 1996 22:33:41 -0500 (CDT)

Received: from dby-ct2-16.ix.netcom.com (dby-ct2-23.ix.netcom.com
[205.186.164.87]) by dfw-ix6.ix.netcom.com (8.6.13/8.6.12) with SMTP id UAA12985;
Wed, 11 Sep 1996 20:33:07 -0700
Message-ID: <323775DA.1D54@ix.netcom.com>
Date: Wed, 11 Sep 1996 23:30:50 -0300
From: KD1YV <jimkd1yv@ix.netcom.com>
Organization: Hamily !
X-Mailer: Mozilla 2.02 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
CC: "Chris T. Thompson" <104357.130@CompuServe.COM>
Subject: Need recent hurricane files
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We are having a hamfest this weekend in Newtown, CT, and I want to run an
APRS demo to try to generate some interest in this area. Who knows,
maybe we can get enough for a club order :-)

Problem is that the site is in an RF hole, and I have doubts about being
able to run any live demos. I was thinking that a replay of one of the
recent hurricanes would be a neat demo. Does anybody have the tracking
files that I could FTP? Hortense would probably be ideal, since it is so
topical right now, but Fran is probably still fresh in everybody's
memory, too.

I am trying to keep up with the list, but I am travelling this week, so a
copy by private e-mail would be appreciated, if possible.

Thanks in advance and
--
73 de Jim, KD1YV

From amartin@world2u.com Thu Sep 12 02:30:35 1996
Received: from ants3.world2u.com (root@ants3.world2u.com [204.141.123.3]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA13311 for <aprssig@tapr.org>; Thu, 12
Sep 1996 02:30:34 -0500 (CDT)
Received: from LOCALNAME (I123.242.world2u.com [204.141.123.242]) by
ants3.world2u.com (8.7.5/8.7.3) with SMTP id DAA04985 for <aprssig@tapr.org>; Thu,
12 Sep 1996 03:15:48 -0400 (EDT)
Date: Thu, 12 Sep 1996 03:15:48 -0400 (EDT)
Message-Id: <199609120715.DAA04985@ants3.world2u.com>
X-Sender: amartin@mail.world2u.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Arthur J. Martin" <amartin@world2u.com>
Subject: Re: [APRSSIG:4655] re:APRS SOFTWARE

At 09:11 PM 9/11/96 -0500, you wrote:
>Hi Bob, -Just a note to let you know that I received the APRS SOFTWARE
>disk, but I have a problem,I cannot unzip the files,

>I printed the INSTALL.TXT file, and the instructions says, to use a
>recent version (1993) of PKUNZIP.EXE, and says that the file,
>PKUNZIP.EXE, is omitted on some disks to make room,
>I have searched my files, but I do not have that recent version of
>PKUNZIP.EXE
>any help where I could get that version would be very much appreciated,
>   Thanks, Paul ,
>KA1QP
>
>lpchvn@juno.com

Hi, Paul....

Sorry to butt in here, but I may be able to help you is a small way. If you have QBASIC in your copy of DOS, I can send you a message wich will contain an ASCII file of a QBASIC program that will create a different program called UUDECODE.UUE Since you use juno, you probabably will not be able to get any binary file forwarded to you, even as an attachment. I will send you a copy of a simple UUDECODE program writtem for QBASIC, if you wish, that you may compile using your copy of QBASIC and get a binary file called UUDECODE.COM. Once you have that saved on your computer (it is a pc clone, isn't it?) I can send you text files of PKUNZIP that are in UUENCODEed format. Won't cause juno to burp. Just run the UUDECODE program on these files (they are about 12k bytes in 4 files) keeping them in sequence and copying them into one large file. Edit the file to remove everything between the files and leave the "start" or begin line and the end line. The spaces in between the file sections has to be cleaned out. If you use the DOS EDIT program, use Control-Y to delete the whole line. Be careful not to remove any line starting with a uppercase M !!! Then save it. Run UUDECODE, setting this big file as the input and call the output file PKUNZIP.EXE. You should end up with a copy of PKUNZIP.EXE, 29,378 bytes long dated 2-1-93. When you use it to install APRS, you MUST you the -d option!!!

If you know the maximum size of a message that you are allowed to receive, let me know and I'll split them up so that they do not exceed that limit.

What an offer! Just can't refuse, huh? <grin> I'll start if you ask me to send it. I don't want you to think I was forcing this on you. If you are on juno, it will come in handy, one day! Take care... (you'll love APRS)

CUL 73 de Art

==================================
From: Arthur J. Martin
TEL: +908+876+3189
Inet: amartin@world2u.com
AX.25: N2QAE@N2QAE.#NNJ.NJ.USA.NA
==================================

From amartin@world2u.com Thu Sep 12 02:38:21 1996
Received: from ants3.world2u.com (root@ants3.world2u.com [204.141.123.3]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA13519 for <aprssig@tapr.org>; Thu, 12 Sep 1996 02:38:20 -0500 (CDT)
Received: from LOCALNAME (I123.243.world2u.com [204.141.123.243]) by ants3.world2u.com (8.7.5/8.7.3) with SMTP id DAA05060 for <aprssig@tapr.org>; Thu, 12 Sep 1996 03:23:35 -0400 (EDT)
Date: Thu, 12 Sep 1996 03:23:35 -0400 (EDT)
Message-Id: <199609120723.DAA05060@ants3.world2u.com>
X-Sender: amartin@mail.world2u.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Arthur J. Martin" <amartin@world2u.com>
Subject: Oops! Did it again... SRY

Sorry for the error in replying instead of sending a personal e-mail to Paul, but I guess it was the early morning hours that dulled my brains <sigh> I apologize to all SIG members for wasting the bandwidth. Pleeze don't send flames... I'm too old for that stuff. I just can't undo what I have set in motion, so I'll try to be a better netizen in the future. Honest!

73 de Art

==========
From: Arthur J. Martin
TEL: +908+876+3189
Inet: amartin@world2u.com
AX.25: N2QAE@N2QAE.#NNJ.NJ.USA.NA
==========

From rwf@mindspring.com Thu Sep 12 08:57:03 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA22928 for <aprssig@tapr.org>; Thu, 12 Sep 1996 08:57:01 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id JAA12146; Thu, 12 Sep 1996 09:56:41 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id JAA29721; Thu, 12 Sep 1996 09:56:37 -0400
Message-Id: <2.2.32.19960912135949.0072f890@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 12 Sep 1996 09:59:49 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Hamfest demo
Cc: jimkd1yv@ix.netcom.com

We had the same problem at the Atlanta Hamfest 2 yrs ago. Since there was activity in the area, (but no local digi yet) we set up a temporary WIDE in

a car in the parking lot. It brought all the APRS signals from the 40 mile away digi into the convention center and we had a convincing full live demo in the PacComm booth.

So convincing that 46 folks registered APRS as a result of it. We handed out 50-60 sets of disks.

Ralph
Atlanta Ga where every car is a WIDE ;-)

At 10:41 PM 9/11/96 -0500, you wrote:
>Problem is that the site is in an RF hole, and I have doubts about being
>able to run any live demos.

From jratchf@bulldog.afsc.k12.ar.us Thu Sep 12 10:41:56 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA25828 for <aprssig@tapr.org>; Thu, 12 Sep 1996 10:41:53 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us [170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id KAA05852 for <aprssig@tapr.org>; Thu, 12 Sep 1996 10:41:58 -0500
Message-Id: <199609121541.KAA05852@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: Trip & Fact Finding
Date: Thu, 12 Sep 1996 10:40:02 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I'm planning a trip from Marshall AR to Rochester NY. Leaving this Saturday, I'll be traveling APRS mobile to I-44 in MO to I-70 in IL, IN and OH. Turning north in OH on I-71 to I-90 on to Rochester. I have to be there on Tuesday. On the way back however, I am taking I-90 across to South Bend, IN. From South Bend, I am game to any direction that is sort-of southwest to Arkansas.

During my trip I'd like to meet with anyone interested in the APRS Skywarn project. I'd also like to make a few stops and just visit with anyone that is an APRS user. As you might guess, I'm not in any hurry to get there or return! (of course around here no one gets in a hurry anyway!)

Hope to meet you out there!

73
--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* ARRL * ARES EC * RACES * NAARS, Inc. *
* MVFD/EMS FR * CCL #426 *

From bruninga@nadn.navy.mil Thu Sep 12 10:52:50 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA26167 for <aprssig@tapr.org>; Thu, 12
Sep 1996 10:52:47 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA11704 for <aprssig@tapr.org>; Thu, 12 Sep 1996
11:57:48 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 12 Sep 1996 11:57:47 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS Callsign changes
In-Reply-To: <960910194249_198699166@emout02.mail.aol.com>
Message-ID: <Pine.GSO.3.95.960912114031.4829L-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Sep 1996 KD1E@aol.com wrote:
> With gate 2 of the vanity callsign program opening on Sept 23, how are
> you going to handle the huge demand for callsign changes?
>
> 1. Require new registrations (full price)
> 2. Charge 5 or 10 bucks for your trouble
> 3. Do it for nothing
> 4. Suggest I keep my old callsign to save you work.
> 5. Or none of the above.

APRSdos ANSWER: NUMBER 4! I've been doing it for free, but
each of these distractions add up and it keeps me from doing what I want
to do... and need to be doing. Also a legal buddy said that my kids need
to be actively involved to be considered partners in APRS. So I'm
going to let them do this part of the paperwork and charge $7.   I
dont like doing it on the internet, because I'm still using a 1980's mail
program and have to manually make notes, compute #s off line and then
re-log on to reply with new #'s... US mail only please...

See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From autoverify@tapr.org Thu Sep 12 11:55:32 1996
Received: from vhf.n2njh-5.ampr.org (hamgate.sunyerie.edu [192.188.232.10]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA01806 for <aprssig@tapr.org>; Thu, 12
Sep 1996 11:55:27 -0500 (CDT)
Received: from tapr.org by vhf.n2njh-5.ampr.org (TNOS2.10/U) with SMTP
     id AA140297 ; Thu, 12 Sep 96 12:45:19 -0400
Received: (from root@localhost) by tapr.org (8.7.5/8.7.3/1.9) id LAA01760; Thu, 12
Sep 1996 11:55:15 -0500 (CDT)
Date: Thu, 12 Sep 1996 11:55:15 -0500 (CDT)
Message-Id: <199609121655.LAA01760@tapr.org>

Sender: TAPR Automated List Verification <autoverify@tapr.org>
From: TAPR Automated List Verification <autoverify@tapr.org>
To: aprssig@hamgate.sunyerie.edu
Subject: Verification of "aprssig@hamgate.sunyerie.edu" subscription to TAPR APRSSIG mailing list

Dear APRSSIG list subscriber:

This is a periodic message to verify your subscription to the APRSSIG mailing list and to uncover any bad mail addresses.

If you wish to remain subscribed to this list, simply DELETE this message. No other action is required. ----------

If you wish to unsubscribe DO NOT REPLY TO THIS MESSAGE. Send a message to listserv@tapr.org containing only the following line:

unsubscribe APRSSIG

The TAPR mailing list software supports 'digest' mode. Digest mode generates a periodic message each day containing multiple messages, instead of sending you each message individually. If you feel close to information overload, you may find digest mode to be very useful.

If you would like to change to digest mode, send a message to listserv@tapr.org containing only the following line:

set APRSSIG mail digest

TAPR membership dues pay for this service, as well as for the TAPR FTP, WWW, and other services. If you are a TAPR member, we thank you for your support! If not, please consider joining. Your membership will help us to maintain and improve our services in the future.

Cheers - TAPR

From n8chb@juno.com Thu Sep 12 13:10:51 1996
Received: from x2.boston.juno.com (x2.boston.juno.com [205.231.101.21]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA04656 for <aprssig@tapr.org>; Thu, 12 Sep 1996 13:10:48 -0500 (CDT)
Received: (from n8chb@juno.com) by x2.boston.juno.com (queuemail)
id OAA13302; Thu, 12 Sep 1996 14:02:42 EDT
To: aprssig@tapr.org
Date: Thu, 12 Sep 1996 17:56:51 PST
Subject: RELAY on hf
Message-ID: <19960912.175653.9350.0.n8chb@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 1-3,5-21
From: n8chb@juno.com (Roger Breckon)

Could someone tell me the scoop on why I am seeing so many stations with
RELAY
in the path on hf 10.151 ?

I'm not trying to be a policeman or anything, I just wonder how they are
getting on
to 30 mtrs. Does someone have their Alias set to RELAY?

```
*CALL-*   >RELAY>BEACON:
*CALL-2   >RELAY*>ID
CALL         >RELAY*>ID
CALL         >RELAY*>APRS:
*CALL       >RELAY*>RELAY*>WIDE>WIDE>WX:
*CALL        >RELAY>WIDE*>WIDE>GATE*>BEACON:
*CALL-3*   >RELAY>W7***>GATE>WIDE>WIDE>APRS:
*CALL*      >RELAY>APRS
```

looks like some are being received direct and some are digipeated.

73

Roger n8chb

From ku0g@sprynet.com Thu Sep 12 13:13:39 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA04764 for <aprssig@tapr.org>; Thu, 12 Sep 1996
13:13:35 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id LAA20649 for <aprssig@tapr.org>; Thu, 12 Sep 1996 11:10:39 -0700
Date: Thu, 12 Sep 1996 11:10:39 -0700
Message-Id: <199609121810.LAA20649@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com (Unverified)
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4650] Re: SKYWARN PART 2

Wild Bill Nolle spluttered thus:
>No i don't think i'm missing the point Jim, you stated it yourself above that
>keyboarding and all other activity is to stop!. This is why i suggested
another
>frequency would be better instead of expecting everyone to stop all their
activity
>because those folk need the frequncy. Would it not be better to aquire a
frequency
>of it's own where everyone would now not to go there unless there's a
reason to
>participate. I can understand why they want to, all the hard work of
getting a good
>network setup is already there and done by others.

BUT WHY RE-INVENT THE WHEEL? (Caps used to emphasize my responses, I'm not yelling...) APRS is FIRST AND FOREMOST a public-service communications tool: a practical use for packet radio above and beyond just rag-chew keyboarding. I enjoy a good rag-chew as much as the next guy but I also have enough common sense and operating courtesy that I am going to cease my rag-chew during a time when emergency communications are taking place. From my point of view as network coordinator for this area of Missouri and Kansas I have to respect the rights of those networks neighboring mine. This means that I need to COOPERATE with them and vice versa in coordinating the activity on frequency. APRS is NOT a free-for-all, do-what-you-want-when-you-want operation neither is any other mode of operation. For me to make a blanket statement and say that the APRS network in Kansas City is only for SKYWARN or TRACKING or CHATTING, Etc. would be completely ludicrous.

> And i doesn't have anything to
>do with getting along with each other. I'm just bringing up some points that would
>i'm sure bother more then a few APRS users. And Jim i have FCC part 97 in the shack
>here like i'm suppose to have thank you Hi.

IT REALLY DOES, BILL. Just like on the SIG here. The freedom to disagree in opinions with others is guaranteed in our form of government but so is the right of the majority to rule. The bottom line STILL is cooperation. You may disagree with me and you have that God-given right but the right to dissent does not also carry with it the right to be outright obstinate. (Note: This statement is not a direct slam on any particular person/entity nor on any group of persons/entities. You simply refers to the public in general!)

>I had no intention for this to be a
>flame, but i'm sure many will take it as such. Like i stated before i had to fight
>hard to get this frequency coordinated (By the way i maybe very well the only one
>in Alabama that does have a coordinated Digi frequency) to be very concerned about
>how it's going to be used and why. I look at it no different then would any other
>coordinated packet Digi. But then again if the majority of the users in this area
>would agree with using it for Skywarn or whatever would be fine with me, but that
>doesn't mean that would be the best thing to do.I'm still convinced that a Skywarn
>APRS frequency would serve the community much better then trying to use an existing
>network with already many users on it.

Now, that's a carefully worded opinion and I respect that. Of course, we all have the right to turn our equipment off if we do not wish to support a particular type of operation (that is akin to the "taking my toys and going home" attitude of a 1st graders, though).

Frank Steinbeck, Computer Tech/Coordinator
West Nodaway R-1 School
P. O. Box 260
Burlington Jct., MO 64428
816) 725-4613

From wa4mej@juno.com Thu Sep 12 14:17:16 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA06783 for <aprssig@tapr.org>; Thu, 12 Sep 1996 14:17:14 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail) id PAA19686; Thu, 12 Sep 1996 15:12:37 EDT
To: aprssig@tapr.org
Date: Thu, 12 Sep 1996 15:11:19 PST
Subject: Re: [APRSSIG:4665] Verification of "aprssig@hamgate.sunyerie.edu" subscription to TAPR APRSSIG mailing list
Message-ID: <19960912.151122.4607.2.wa4mej@juno.com>
References: <199609121655.LAA01760@tapr.org>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-44
From: wa4mej@juno.com (john w dent)

yes keep me on   tks wa4mej
On Thu, 12 Sep 1996 12:06:36 -0500 (CDT) TAPR Automated List Verification <autoverify@tapr.org> writes:
>Dear APRSSIG list subscriber:
>
>This is a periodic message to verify your subscription to the APRSSIG
>mailing list and to uncover any bad mail addresses.
>
>If you wish to remain subscribed to this list, simply DELETE this
>message.
>No other action is required.
>-------------------
>
>If you wish to unsubscribe DO NOT REPLY TO THIS MESSAGE. Send a
>message to
>listserv@tapr.org containing only the following line:
>
>unsubscribe APRSSIG
>
>---
>
>The TAPR mailing list software supports 'digest' mode. Digest mode
>generates a periodic message each day containing multiple messages,
>instead of sending you each message individually. If you feel close

>to
>information overload, you may find digest mode to be very useful.
>
>If you would like to change to digest mode, send a message to
>listserv@tapr.org containing only the following line:
>
>set APRSSIG mail digest
>
>---
>
>TAPR membership dues pay for this service, as well as for the TAPR
>FTP,
>WWW, and other services. If you are a TAPR member, we thank you for
>your
>support! If not, please consider joining. Your membership will help
>us
>to maintain and improve our services in the future.
>
>Cheers - TAPR
>
>

From wa4mej@juno.com Thu Sep 12 14:38:45 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA07904 for <aprssig@tapr.org>; Thu, 12
Sep 1996 14:38:43 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail)
     id PAA26255; Thu, 12 Sep 1996 15:38:33 EDT
To: aprssig@tapr.org
Date: Thu, 12 Sep 1996 15:37:05 PST
Subject: Re: SKYWARN PART 2
Message-ID: <19960912.153708.4607.4.wa4mej@juno.com>
References: <199609121810.LAA20649@m1.sprynet.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-1,3,6-10,12-122
From: wa4mej@juno.com (john w dent)

LOOK ALL IN CAPS.....................................
will every one just stop ALL OF THIS BS.......
aprs is just one form of dididtal communications now every one thinkes he/she knows
all there is ..   go home ------------------------------
ham radio is an form of art not a hobbie we ,i hope, will be able to to
provide ,at least., a small part , the backup communicationg to those who need it
and not the who can key bord to keybord.....................
nuf sed
73
john

On Thu, 12 Sep 1996 13:27:08 -0500 (CDT) ku0g@sprynet.com (Jim Duncan)
writes:
>Wild Bill Nolle spluttered thus:
>>No i don't think i'm missing the point Jim, you stated it yourself
>above that

>>keyboarding and all other activity is to stop!. This is why i
>suggested
>another
>>frequency would be better instead of expecting everyone to stop all
>their
>activity
>>because those folk need the frequncy. Would it not be better to
>aquire a
>frequency
>>of it's own where everyone would now not to go there unless there's a
>reason to
>>participate. I can understand why they want to, all the hard work of
>getting a good
>>network setup is already there and done by others.
>
>
>BUT WHY RE-INVENT THE WHEEL? (Caps used to emphasize my responses, I'm
>not
>yelling...) APRS is FIRST AND FOREMOST a public-service
>communications
>tool: a practical use for packet radio above and beyond just rag-chew
>keyboarding. I enjoy a good rag-chew as much as the next guy but I
>also have
>enough common sense and operating courtesy that I am going to cease my
>rag-chew during a time when emergency communications are taking place.
> From
>my point of view as network coordinator for this area of Missouri and
>Kansas
>I have to respect the rights of those networks neighboring mine. This
>means
>that I need to COOPERATE with them and vice versa in coordinating the
>activity on frequency. APRS is NOT a free-for-all,
>do-what-you-want-when-you-want operation neither is any other mode of
>operation. For me to make a blanket statement and say that the APRS
>network
>in Kansas City is only for SKYWARN or TRACKING or CHATTING, Etc. would
>be
>completely ludicrous.
>
>
>> And i doesn't have anything to
>>do with getting along with each other. I'm just bringing up some
>points
>that would
>>i'm sure bother more then a few APRS users. And Jim i have FCC part
>97 in
>the shack
>>here like i'm suppose to have thank you Hi.
>
>IT REALLY DOES, BILL. Just like on the SIG here. The freedom to
>disagree
>in opinions with others is guaranteed in our form of government but so
>is

>the right of the majority to rule. The bottom line STILL is
>cooperation.
>You may disagree with me and you have that God-given right but the
>right to
>dissent does not also carry with it the right to be outright
>obstinate.
>(Note: This statement is not a direct slam on any particular
>person/entity
>nor on any group of persons/entities. You simply refers to the public
>in
>general!)
>
>>I had no intention for this to be a
>>flame, but i'm sure many will take it as such. Like i stated before i
>had
>to fight
>>hard to get this frequency coordinated (By the way i maybe very well
>the
>only one
>>in Alabama that does have a coordinated Digi frequency) to be very
>concerned about
>>how it's going to be used and why. I look at it no different then
>would any
>other
>>coordinated packet Digi. But then again if the majority of the users
>in
>this area
>>would agree with using it for Skywarn or whatever would be fine with
>me,
>but that
>>doesn't mean that would be the best thing to do.I'm still convinced
>that a
>Skywarn
>>APRS frequency would serve the community much better then trying to
>use an
>existing
>>network with already many users on it.
>
>Now, that's a carefully worded opinion and I respect that. Of course,
>we
>all have the right to turn our equipment off if we do not wish to
>support a
>particular type of operation (that is akin to the "taking my toys and
>going
>home" attitude of a 1st graders, though).
>
>
>Frank Steinbeck, Computer Tech/Coordinator
>West Nodaway R-1 School
>P. O. Box 260
>Burlington Jct., MO 64428
>816) 725-4613
>

>

From byoung@qni.com Thu Sep 12 15:07:41 1996
Received: from qni.com (root@qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA09088 for <aprssig@tapr.org>; Thu, 12 Sep 1996 15:07:39 -0500 (CDT)
From: byoung@qni.com
Received: from [206.29.114.57] (s57.qni.com) by qni.com (5.x/SMI-SVR4)
     id AA08574; Thu, 12 Sep 1996 15:08:54 -0500
Date: Thu, 12 Sep 1996 15:08:54 -0500
Message-Id: <9609122008.AA08574@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:4667] Re: SKYWARN PART 2
To: aprssig@tapr.org
In-Reply-To: <199609121810.LAA20649@m1.sprynet.com>
X-Mailer: SPRY Mail Version: 04.10.06.22

Ladies and Gentlemen of the APRS Community,

Another point regarding utilization of a frequency *besides* 145.790 is that some of the equipment dedicated to APRS is single channel and/or xtal controlled stuff that *won't* goto any other frequency! I just got several "nice" 20 watt radios (I love the sound of relays going "click-clunk"...) running for use as trackers, digis, etc... I *can't* switch some of my equipment, and don't have enough of the "expensive" stuff (read that "synthesized") to accomplish everything I'd need/want to in an emergency. I actually *NEED* to stay on 145.790!

Bill Young
byoung@qni.com
Treasurer/Board Member of Kansas City APRS Working Group
National APRSoholics Anonymous Poster Child
KB0UZQ

From normd@cwnet.com Thu Sep 12 16:39:55 1996
Received: from sbi1.cwnet.com (sbi1.cwnet.com [204.94.127.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA14227 for <aprssig@tapr.org>; Thu, 12 Sep 1996 16:39:53 -0500 (CDT)
Received: from placerville-d8.cwnet.com (placerville-d8.cwnet.com [205.162.105.73]) by sbi1.cwnet.com (8.6.5/8.6.5) with SMTP id PAA20536 for <aprssig@tapr.org>; Thu, 12 Sep 1996 15:04:19 GMT
Message-Id: <199609121504.PAA20536@sbi1.cwnet.com>
X-Sender: normd@mailhost.cwnet.com (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 12 Sep 1996 14:26:53 +0000
To: aprssig@tapr.org
From: Norman Davis WB6SHI <normd@cwnet.com>

Subject: Re: [APRSSIG:4614] Re: APRS Quake monitoring system

>> The other idea that occurred to me is to hook up some sort of actual
>> very simple "shake detector".
>
 There was quite an exchange about that subject on ca.earthquakes back after the LA quake.
 The warning they got with P wave detectors (purchased at Home depot) was about 10 seconds.
 There is a guy in Fresno that has a system hooked to the Hopital paging system that uses two sensors and will page you and tell you where the quake is and its magnatude. It would be neat to get that into APRS.

>
>
Norman Davis WB6SHI
Email normd@cwnet.com
Shingle Springs, Ca, USA

From zoom@willow.sps.mot.com Thu Sep 12 16:57:42 1996
Received: from spsgate.sps.mot.com (spsgate.sps.mot.com [192.70.231.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA14698 for <aprssig@tapr.org>; Thu, 12 Sep 1996 16:57:37 -0500 (CDT)
Received: from mogate.sps.mot.com by spsgate.sps.mot.com (4.1/SMI-4.1/Email 2.1 10/25/93)
     id AA24230 for aprssig@tapr.org; Thu, 12 Sep 96 14:57:08 MST
Received: from azbc.sps.mot.com by mogate.sps.mot.com (4.1/SMI-4.1/Email-2.0)
     id AA07008 for aprssig@tapr.org; Thu, 12 Sep 96 14:57:07 MST
Received: from willow.sps.mot.com by azbc.sps.mot.com with SMTP
     (1.37.109.4/16.2) id AA08940; Thu, 12 Sep 96 16:57:07 -0500
Received: by willow.sps.mot.com (4.1/SMI-4.1)
     id AA07456; Thu, 12 Sep 96 14:55:07 MST
Date: Thu, 12 Sep 1996 14:55:06 -0700 (MST)
From: Chris Terwilliger <zoom@willow.sps.mot.com>
To: aprssig@tapr.org
Subject: aprs vs ragchewing
In-Reply-To: <9609122008.AA08574@qni.com>
Message-Id: <Pine.SUN.3.91.960912145100.7324A@willow>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I must of missed something along the way. What does ragchewing (keyboarding) have to do with APRS? Why are hams ragchewing via APRS? What part of "Position Reporting System" is relevant to keyboarding? Of all the packet frequencies, nodes, digis, etc all over the country, why are we ragchewing on 145.79???? So many questions, I know I'll get so many answers....

Chris, AA7WD
zoom@willow.sps.mot.com

From n2iph@cyberenet.net Thu Sep 12 18:38:32 1996

Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA00166 for <aprssig@tapr.org>; Thu, 12 Sep 1996 18:38:31 -0500 (CDT)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp
     (Smail3.1.29.1 #7) id m0v1LL4-000O46C; Thu, 12 Sep 96 19:38 EDT
Received: from n2iph.ppp.cyberenet.net.cyberenet.net by ux1.cyberenet.net with smtp
     (Smail3.1.29.1 #8) id m0v1LL1-0006FQC; Thu, 12 Sep 96 19:38 EDT
Message-ID: <32389ECE.4177@cyberenet.net>
Date: Thu, 12 Sep 1996 19:37:50 -0400
From: Bob Derderian <n2iph@cyberenet.net>
Reply-To: n2iph@cyberenet.net
Organization: I&C
X-Mailer: Mozilla 3.0b6Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4672] aprs vs ragchewing
References: <Pine.SUN.3.91.960912145100.7324A@willow>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually, APRS does not have anything to do with ragchewing, except that
is has the capability to send msgs between stations. The thing that it
(the APRS network) has going for it (actually against it in this case)
is that the frequency has a fairly low channel load when compared to the
better known and utilized packet freqs, which makes it attractive to
keyboarding that would not be otherwise possible on other freqs. Yes,
you could hold a QSO elsewhere (and SHOULD), but on a normally assigned
packet keyboarding freq you most likely would not have the capability to
QSOing over a 200+ mile distance in near real time. Your msgs (even if
one-liners) would be passed through so many nodes, digis, and backbones
and response times(ACKs) would be very slow when compared to the APRS
network.

73...Bob
www.cyberenet.net/~n2iph/bob.htm

NNNN

From paulc@easy1.mediacity.com Thu Sep 12 19:33:03 1996
Received: from MediaCity.com (root@easy1.mediacity.com [205.216.172.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA01204 for <aprssig@tapr.org>; Thu, 12 Sep 1996 19:33:00 -0500 (CDT)
Received: from localhost (paulc@localhost) by MediaCity.com (8.6.11/8.6.9) with SMTP id QAA09592 for <aprssig@tapr.org>; Thu, 12 Sep 1996 16:57:28 -0700
Date: Thu, 12 Sep 1996 16:57:27 -0700 (PDT)
From: Paul Christenson <paulc@easy1.mediacity.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4669] Re: SKYWARN PART 2
In-Reply-To: <19960912.153708.4607.4.wa4mej@juno.com>
Message-ID: <Pine.BSI.3.94.960912165528.9458A-100000@easy1.mediacity.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 12 Sep 1996, john w dent wrote:

> ham radio is an form of art not a hobbie

Last I looked, it WAS a hobby...

(Wonder if the National Endowment for the Arts [NEA] will buy us all new radios???)

<G>

From jagrelo@concentric.net Thu Sep 12 20:05:51 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA02233 for <aprssig@tapr.org>; Thu, 12 Sep 1996 20:05:49 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id VAA03283; Thu, 12 Sep 1996 21:05:02 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@concentric.net>
Received: from crc3.pop3.net (cnc059041.concentric.net [206.83.77.41])
     by cliff.cris.com (8.7.5)
     id VAA15381; Thu, 12 Sep 1996 21:05:43 -0400 (EDT)
Message-ID: <3238DEBF.17F4@concentric.net>
Date: Thu, 12 Sep 1996 21:10:39 -0700
From: Joe Agrelo <jagrelo@concentric.net>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS & 145.090 digi is back!
References: <960526215600_121467596@emout14.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bill,

It's been a while, how are you?

We moved our business to the house finaly, life is easier besides I get to see my 6 month old daughter more now.

The first SARA meeting was on APRS and given by Geroge N2AIG, I had WinAPRS running on one end of the room and George had DosAPRS running on the other, I also had a stand alone tracker in my truck, it was lots of fun.

I am getting lots of people interested in APRS locally, so it would be great to see your HF gate once in a while.

73 De Joe N2OOC (new address & phone effective 8/15)

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            Agrelo Engineering
        Joe Agrelo/President
    P.O.Box 231 Pattersonville, NY 12137 USA
          ph (518)864-7551 effective 8/15
         fax (518)864-7553 "   "
     mailto:Jagrelo@cris.com
  WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
     based Doppler, talking products and RF.
   Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From bruninga@nadn.navy.mil Thu Sep 12 21:23:47 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA04824 for <aprssig@tapr.org>; Thu, 12
Sep 1996 21:23:40 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id WAA07624 for <aprssig@tapr.org>; Thu, 12 Sep 1996
22:28:40 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 12 Sep 1996 22:28:40 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4672] aprs vs ragchewing
In-Reply-To: <Pine.SUN.3.91.960912145100.7324A@willow>
Message-ID: <Pine.GSO.3.95.960912221845.7041C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 12 Sep 1996, someone wrote:

> I must of missed something along the way. What does ragchewing
> (keyboarding) have to do with APRS?

APRSdos REPLY/COMMENT: SImple. Practice, Practice, Practice.. hi hi.
Keyboarding with APRS takes talent and will only work well in times of
emergency if all users are familiar with subtleties of communicating
with UI frames. Such as:

1) Knowing how to set up custom paths for each message
2) Knowing how to select dual paths for your data
3) Knowing to change your UNPROTO path when you see an incomming
   message that is not using your default path
4) Learning how to be brief
5) Learning what paths work and which ones dont.
6) Learning how to bundle multiple messages along the same path so that
   you are not delayed waiting for APRS to change paths
7) Learning to ERASE un-acked outgoing messages when you see a human
   response form the other station so that your station will send the next
   line and not keep waiting for an ack.

Positions are worth 1000 words, but they are also like watching the news
with the volume turned off! APRS was designed around FOUR mechanisms:

POSITIONS
STATUS BEACONS
MESSAGES point-to-point
BULLETINS

All must be exercised...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From n8chb@tir.com Thu Sep 12 21:24:22 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id VAA04842 for <aprssig@tapr.org>; Thu, 12 Sep 1996 21:24:17 -0500
(CDT)
Received: from n8chb.tir.com (an42liv.tir.com [205.218.84.44]) by tir.com
(8.7.5/8.7) with SMTP id WAA11458 for <aprssig@tapr.org>; Thu, 12 Sep 1996
22:18:49 -0400 (EDT)
Message-ID: <3238B784.202C@tir.com>
Date: Fri, 13 Sep 1996 02:23:16 +0100
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4675] Re: SKYWARN PART 2
References: <Pine.BSI.3.94.960912165528.9458A-100000@easy1.mediacity.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Christenson wrote:
>
> On Thu, 12 Sep 1996, john w dent wrote:
>
> > ham radio is an form of art not a hobbie
>
> Last I looked, it WAS a hobby...
>
> (Wonder if the National Endowment for the Arts [NEA] will buy us all new
> radios???)
>
> <G>
==========
I love it Paul,

Boy! some really get bent out of shape with this stuff
APRS junk as a ham friend of mine calls it   hi hi

keep writing om

73

Roger n8chb

From jagrelo@concentric.net Thu Sep 12 21:26:44 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA04887 for <aprssig@tapr.org>; Thu, 12 Sep 1996 21:26:41 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id WAA20985; Thu, 12 Sep 1996 22:25:32 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@concentric.net>
Received: from crc3.pop3.net (cnc059038.concentric.net [206.83.77.38])
     by cliff.cris.com (8.7.5)
     id WAA01487; Thu, 12 Sep 1996 22:26:14 -0400 (EDT)
Message-ID: <3238F19E.7F1F@concentric.net>
Date: Thu, 12 Sep 1996 22:31:10 -0700
From: Joe Agrelo <jagrelo@concentric.net>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4676] APRS & 145.090 digi is back! oops!
References: <3238DEBF.17F4@concentric.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joe Agrelo wrote:
>
> Hi Bill,
>
> It's been a while, how are you?

Oops!

This wasn't suppose to go to the SIG. Sorry!

73 De Joe N2OOC (new address & phone effective 8/15)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            Agrelo Engineering
        Joe Agrelo/President
    P.O.Box 231 Pattersonville, NY 12137 USA
          ph (518)864-7551 effective 8/15
         fax (518)864-7553 "   "
     mailto:Jagrelo@cris.com
  WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
     based Doppler, talking products and RF.
   Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From rsellers@firecraker.com Thu Sep 12 21:40:34 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id VAA05300 for <aprssig@tapr.org>; Thu, 12 Sep 1996 21:40:27 -0500 (CDT)
Date: Thu, 12 Sep 1996 21:40:27 -0500 (CDT)
Message-Id: <199609130240.VAA05300@tapr.org>
X-ROUTED: Thu, 12 Sep 1996 21:40:50 -0500
Received: from RSELLERS [199.190.124.28] by rockford.com with smtp
     id BFCIBHAO ; Thu, 12 Sep 1996 21:40:22 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4672] aprs vs ragchewing

>I must of missed something along the way. What does ragchewing
>(keyboarding) have to do with APRS? Why are hams ragchewing via APRS?
>What part of "Position Reporting System" is relevant to keyboarding?
  All of it really I think. I can't "TALK" to most of the guys in Chicago I can see from Rockford. Il. Yet APRS lets me chat or get "pertainent" info back and forth. It's also on of the few ways I can make a contact over 100 miles from my QTH.
  I guess if it's not too important to you, it's not an issue and disreguard any instructions telling you how to send/receive messages. I find it a great feature.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From gnies@rwic.und.edu Thu Sep 12 21:41:57 1996
Received: from oz.rwic.und.edu (oz.rwic.und.edu [134.129.218.21]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA05321 for <aprssig@tapr.org>; Thu, 12 Sep 1996 21:41:31 -0500 (CDT)
Received: from localhost (gnies@localhost) by oz.rwic.und.edu (8.6.8.1/8.6.5) with SMTP id VAA16796 for <aprssig@tapr.org>; Thu, 12 Sep 1996 21:26:14 -0500
Date: Thu, 12 Sep 1996 21:26:13 -0500 (CDT)
From: "Gerald H. Nies" <gnies@rwic.und.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4670] Re: SKYWARN PART 2
In-Reply-To: <9609122008.AA08574@qni.com>
Message-ID: <Pine.SGI.3.94.960912210951.16317A-100000@oz.rwic.und.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 12 Sep 1996 byoung@qni.com wrote:

>
> Bill Young
> byoung@qni.com
> Treasurer/Board Member of Kansas City APRS Working Group

****
> National APRSoholics Anonymous Poster Child
****

> KB0UZQ
>
Love it, do I see a T-shirt for the national gathering?

Does weather service pay attention to APRS? Yes, or at least they do here. We have a remote station (more on the way funded by our emergency manager) 30 miles west of NWS in Grand Fork, ND. During the last weather event the communicator kept asking the remote station had indicated the wind change yet. We could easily report when it had because the monitor for APRS is along side of our remote PUP display.

Gerry
N0NGW

ps keep up the good work Bob and Sproul Bros

From kc7lsp@juno.com Thu Sep 12 22:12:06 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA06783 for <aprssig@tapr.org>; Thu, 12 Sep 1996 22:12:04 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail) id WAA27372; Thu, 12 Sep 1996 22:55:42 EDT
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4666] RELAY on hf
Message-ID: <19960912.191326.4503.0.KC7LSP@juno.com>
References: <19960912.175653.9350.0.n8chb@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-2,4-8,10-11,14-18
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Thu, 12 Sep 1996 22:55:42 EDT

On Thu, 12 Sep 1996 13:25:12 -0500 (CDT) n8chb@juno.com (Roger Breckon) writes:

>Could someone tell me the scoop on why I am seeing so many stations with RELAY
>in the path on hf 10.151 ?

I imagine it's to facilitate a WIDE area map of stations.

>I'm not trying to be a policeman or anything, I just wonder how they are getting on to 30 mtrs.

The APRS transmissions are probably originating on HF or maybe someone is
set up to cross-band repeat.   Coulkd it be a frequency that is being
specifically used just for APRS?

>Does someone have their Alias set to RELAY?

That would explain why they are being retransmitted.

From mbary@nmaa.org Thu Sep 12 22:28:14 1996
Received: from mail.nmaa.org (mail.nmaa.org [204.91.49.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA07621 for <aprssig@tapr.org>; Thu, 12 Sep 1996
22:28:13 -0500 (CDT)
Received: from ppp32.nmaa.org ([204.91.49.32]) by mail.nmaa.org
          (post.office MTA v1.9.1 ID# 0-11620) with SMTP id AAA151
          for <aprssig@tapr.org>; Thu, 12 Sep 1996 23:30:06 -0400
Message-ID: <3238FE1E.791D@nmaa.org>
Date: Thu, 12 Sep 1996 23:24:30 -0700
From: mbary@nmaa.org (Mark L. Bary)
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4672] aprs vs ragchewing
References: <Pine.SUN.3.91.960912145100.7324A@willow>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Terwilliger wrote:
>
> I must of missed something along the way. What does ragchewing
> (keyboarding) have to do with APRS? Why are hams ragchewing via APRS?
> What part of "Position Reporting System" is relevant to keyboarding? Of
> all the packet frequencies, nodes, digis, etc all over the country, why
> are we ragchewing on 145.79???? So many questions, I know I'll get so
> many answers....
>
> Chris, AA7WD
> zoom@willow.sps.mot.com

Chris,

Speaking for myself only, I will sometimes send a few one-liners to a
friend when I see that station on my map and I haven't run into that
individual in a while. If it looks like it is developing into more than,
say, 4 or 5 exchanges I will suggest we go to a voice repeater.

On VERY RARE occasions I will connect BRIEFLY to another station to get
a point across or to pass a brief message (like during a public service
event such as the Marine Corps Marathon, where I have been assigned to
provide a graphic display of the course (APRS) to the folks at the
Medical Tent AND pass occasional medical traffic to a station at a local
hospital or Red Cross location).

Once in a while I will catch Bob on the air (no doubt testing his many

releases, hi! 8-) and throw a greeting to him or pop a short question that can be answered succinctly. (Like, "Is WB4APR-1 off the air, or is it just me?")

And, once in a while, I will send a greeting to a station that is newly arrived on my map; just to give them a "warm/fuzzy" and let them know they're showing up.

But ragchew? Naaahhh! That would just bombard the frequency with unnecessary UI frames, cause collisions, and bring all sorts of other plagues down upon mankind..... 8-)

73,

Mark
N4EOC
Germantown, MD

From kc7lsp@juno.com Thu Sep 12 22:46:14 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA08366 for <aprssig@tapr.org>; Thu, 12 Sep 1996 22:46:12 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail) id XAA04191; Thu, 12 Sep 1996 23:21:11 EDT
To: aprssig@tapr.org
Subject: Need map in the Boondox
Message-ID: <19960912.193426.4503.1.KC7LSP@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1,3-5,7,9-10,12-19
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Thu, 12 Sep 1996 23:21:11 EDT

All - I would like a map of western Washington, other than the BLANK one that comes with the
APRS software. I'd appreciate someone sending some info via E-Mail in UUENCODE or
via AX.25 in 7PLUS format.

The problem is that I'm in an APRS-FREE zone and have received nothing at all.
For your information my coordinates are: 4631.17N / 12255.10W / 380ft

Also, I have information on two amateur radio repeater sites in SW Washington:

1) Columbia Heights (Longview, WA)   4611.50N /12258.01W
2) Ranier Hill (Rainier, OR)   4603.18N / 12255.06W

TNX & 73, Kevan

AX.25: KC7LSP@WA7SJN.#WWA.WA.USA.NOAM

From n5nys@ix.netcom.com Thu Sep 12 23:02:09 1996
Received: from dfw-ix1.ix.netcom.com (dfw-ix1.ix.netcom.com [206.214.98.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA08847 for <aprssig@tapr.org>; Thu, 12 Sep 1996 23:02:08 -0500 (CDT)
Received: from #n5nys (okc-ok6-31.ix.netcom.com [207.92.190.95]) by dfw-ix1.ix.netcom.com (8.6.13/8.6.12) with SMTP id VAA29486; Thu, 12 Sep 1996 21:01:31 -0700
Message-ID: <3238DC61.3A3F@ix.netcom.com>
Date: Thu, 12 Sep 1996 23:00:33 -0500
From: Scott Walsh <n5nys@ix.netcom.com>
X-Mailer: Mozilla 3.0b5aGold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: Lat/Lon. calculations
References: <Pine.GSO.3.95.960911112053.25098N-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For simplifcation, I'll use @ to represent degrees theta.

Now...what we want to find is the coordinates of the fox. (Xt, Yt)

Xt=(((X2tan@2)-(X1tan@1))+(Y1-Y2))/(@2-@1)

And now the equation for a line... y=mx+b

Yt=(Xt-X1)tan@1 + Y1

Angles must be in polar form!

From saltair@hargray.com Fri Sep 13 00:21:24 1996
Received: from fern.hargray.com (fern.hargray.com [205.218.96.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA16372 for <aprssig@tapr.org>; Fri, 13 Sep 1996 00:21:22 -0500 (CDT)
Received: from saltair.hargray.com (xl29.hargray.com [205.218.96.59]) by fern.hargray.com (8.7.5/8.7) with SMTP id BAA24381 for <aprssig@tapr.org>; Fri, 13 Sep 1996 01:23:43 -0400 (EDT)
Message-ID: <3238EF1A.363E@hargray.com>
Date: Fri, 13 Sep 1996 01:20:26 -0400
From: George Salinas <saltair@hargray.com>
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4672] aprs vs ragchewing
References: <Pine.SUN.3.91.960912145100.7324A@willow>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Terwilliger wrote:
>
> I must of missed something along the way. What does ragchewing
> (keyboarding) have to do with APRS? Why are hams ragchewing via APRS?
> What part of "Position Reporting System" is relevant to keyboarding? Of

> all the packet frequencies, nodes, digis, etc all over the country, why
> are we ragchewing on 145.79???? So many questions, I know I'll get so
> many answers....
>
> Chris, AA7WD
> zoom@willow.sps.mot.com

==========

Hi Chris,

I am using the keyboard function on APRS on 145.790 Mhz because
the software has that feature and my license allows me to do it.

If all I had to do on aprs was just look at plot positions and not
have any human interaction I would take it off of my computer and
just look at the weather channel. At least there, somebody is talking
to/at you.

I think a more appropriate question should be: "Who in his right mind
would dedicate a computer, a tnc and a vhf and hf transceiver to an
APRS plot position reporting system only?" I think that would get old
real quick.

7e, George KD4FJ.

From N5RKN@aol.com Fri Sep 13 00:25:54 1996
Received: from emout04.mail.aol.com (emout04.mx.aol.com [198.81.11.95]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA18781 for <aprssig@tapr.org>; Fri, 13
Sep 1996 00:25:52 -0500 (CDT)
From: N5RKN@aol.com
Received: by emout04.mail.aol.com (8.6.12/8.6.12) id BAA22716 for
aprssig@tapr.org; Fri, 13 Sep 1996 01:25:21 -0400
Date: Fri, 13 Sep 1996 01:25:21 -0400
Message-ID: <960913012520_521706588@emout04.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4675] Re: SKYWARN PART 2

What a concept! I vote for new radios from NEA...
   Robert   N5RKN

From ad4bl@juno.com Fri Sep 13 01:37:11 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA21824 for <aprssig@tapr.org>; Fri, 13
Sep 1996 01:37:10 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)
     id XAC07278; Thu, 12 Sep 1996 23:30:16 EDT
To: aprssig@tapr.org
Date: Thu, 12 Sep 1996 21:26:06 CDT
Subject: Re: [APRSSIG:4672] aprs vs ragchewing
Message-ID: <19960912.202730.3422.13.ad4bl@juno.com>

References: <Pine.SUN.3.91.960912145100.7324A@willow>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0,2,4,6,8-10,12,14,16-25,27-42
From: ad4bl@juno.com (Linda G Mullen)

Chris, you may have opened the barn door on this one...hi hi
we use APRS here is this area to send all manner of info as we "ragchew"
with
each other. We send messages on aprs while we are on voice nets...we are
using
parallel nets here in NFL....voice net with an APRS parallel net...often
we are
conversing on APRS concerning what is being done on the voice net either
on
HF or VHF. WE use the APRS net to check in on VHF and HF voice nets.
We are working here on ways to incorporate the APRS into our emergency
communications system and like working on a traffic net, if you don't
practice
and learn how to do it...you won't be able to do it during an
emergency...
APRS has possibilities we haven't even scratched to surface of...it is
exciting.
Try it ..you might discover it is a lot of fun!

Linda Mullen AD4BL DEC East Panhandle District
Northern Florida Section
Email   ad4bl@juno.com   or ad4bl@beaches.net
Everything worth doing is scary

On Thu, 12 Sep 1996 17:06:20 -0500 (CDT) Chris Terwilliger
<zoom@willow.sps.mot.com> writes:
>I must of missed something along the way. What does ragchewing
>(keyboarding) have to do with APRS? Why are hams ragchewing via APRS?
>
>What part of "Position Reporting System" is relevant to keyboarding?
>Of
>all the packet frequencies, nodes, digis, etc all over the country,
>why
>are we ragchewing on 145.79???? So many questions, I know I'll get so
>
>many answers....
>
>Chris, AA7WD
>zoom@willow.sps.mot.com
>
>

From elpidio@aloha.net Fri Sep 13 01:44:46 1996
Received: from haleakala.aloha.net (root@haleakala.aloha.net [204.94.112.33]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA22007 for <aprssig@tapr.org>; Fri, 13
Sep 1996 01:44:43 -0500 (CDT)

Received: from kauai-tcr-161.u.aloha.net (kauai-tcr-161.u.aloha.net
[207.12.7.161]) by haleakala.aloha.net (8.7.5/8.6.9) with SMTP id UAA14928 for
<aprssig@tapr.org>; Thu, 12 Sep 1996 20:41:40 -1000 (HST)
Received: by kauai-tcr-161.u.aloha.net with Microsoft Mail
     id <01BBA0EA.950D7860@kauai-tcr-161.u.aloha.net>; Thu, 12 Sep 1996 20:40:06
-1000
Message-ID: <01BBA0EA.950D7860@kauai-tcr-161.u.aloha.net>
From: "Elpidio B. Cardenas" <elpidio@aloha.net>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:4624] Advanced Surveillance Technologies Conference II
Date: Thu, 12 Sep 1996 20:40:05 -1000
Return-Receipt-To: <elpidio@aloha.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="---- =_NextPart_000_01BBA0EA.9525E260"

------ =_NextPart_000_01BBA0EA.9525E260
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Aloha Claude,
Sounds interesting. Please send me a copy.
Thanks!!

From: Claude 995-5040 pager 4541[SMTP:CHEAD@exame2.dseg.ti.com]
Sent: Wednesday, 11 September, 1996 00:01
To: aprssig@tapr.org
Subject: [APRSSIG:4624] Advanced Surveillance Technologies Conference II

The following is a excerpt from a message forwarded from Jim Warren's
GovAccess SIG. The conference mentioned deals with the broad subject of
individual privacy vs government surveillance by a distressingly large group
of techniques. I have put the program header and one topic from the program
dealing with vehicle location. Shades of APRS! I have the complete text of
the conference program message and will be happy to forward it privately to
anyone who asks. The whole thing is a little long for the APRSSIG and most
of it is not directly related.

   73 Claude Head
      K5DTN
      chead@exame2.dseg.ti.com

>
>   PROGRAM
>
>   ADVANCED SURVEILLANCE TECHNOLOGIES CONFERENCE II
>
>   Sponsored by
>
>   Privacy International
>   Electronic Privacy Information Center
>

>   September 16, 1996
>
>   Citadel Ottawa Hotel and Convention Centre
>   Ottawa, Canada
>
>
snip
>
>1:30 pm CONSUMERS AND SURVEILLANCE
>
> INTELLIGENT VEHICLES AND TRACKING
>
>Phil Agre will outline the remarkable variety of technologies of
>surveillance currently being planned or implemented for road travel. The
>motivations for these systems are numerous and include logistics, traffic
>management, law enforcement, pollution control, and marketing. Despite the
>diversity of motivations, certain unifying themes emerge. The vast majority
>of the functionalities provided by these systems can be provided
>anonymously.
>
>   o Phil Agre, University of California, San Diego
>

------ =_NextPart_000_01BBA0EA.9525E260
Content-Type: application/ms-tnef
Content-Transfer-Encoding: base64

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------ =_NextPart_000_01BBA0EA.9525E260--

From wa8inz@cris.com Fri Sep 13 06:59:28 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA28369 for <aprssig@tapr.org>; Fri, 13
Sep 1996 06:59:27 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id HAA27753; Fri, 13 Sep 1996 07:58:42 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc000037.concentric.net [206.173.121.37])
     by cliff.cris.com (8.7.5)
     id HAA07199; Fri, 13 Sep 1996 07:59:24 -0400 (EDT)
Message-ID: <32396899.50ED@cris.com>
Date: Fri, 13 Sep 1996 06:58:49 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4686] Re: aprs vs ragchewing
References: <3238EF1A.363E@hargray.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George Salinas wrote:
>
> Chris Terwilliger wrote:
> >
```

> > I must of missed something along the way. What does ragchewing
> > (keyboarding) have to do with APRS? Why are hams ragchewing via APRS?
> > What part of "Position Reporting System" is relevant to keyboarding? Of
> > all the packet frequencies, nodes, digis, etc all over the country, why
> > are we ragchewing on 145.79???? So many questions, I know I'll get so
> > many answers....
> >
> > Chris, AA7WD
> > zoom@willow.sps.mot.com
>
> ==
>
> Hi Chris,
>
> I am using the keyboard function on APRS on 145.790 Mhz because
> the software has that feature and my license allows me to do it.
>
> If all I had to do on aprs was just look at plot positions and not
> have any human interaction I would take it off of my computer and
> just look at the weather channel. At least there, somebody is talking
> to/at you.
>
> I think a more appropriate question should be: "Who in his right mind
> would dedicate a computer, a tnc and a vhf and hf transceiver to an
> APRS plot position reporting system only?" I think that would get old
> real quick.
>
> 7e, George KD4FJ.

Thanks George couldn't have said it any better.

--

```
                \////
                (0 0)
           *--o0-(_)-0o--*
           wa8inz@amsat.org
           wa8inz@cris.com
     Check out my A.P.R.S Web Page.
   THANKS TO THOSE MENTOR VOLENTEERS
  Also check out my WA8INZ Home page.

   http://www.concentric.net/~wa8inz
```


From pho@crocker.com Fri Sep 13 07:23:13 1996
Received: from rmc1.crocker.com (root@rmc1.crocker.com [204.97.12.50]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA29043 for <aprssig@tapr.org>; Fri, 13 Sep 1996
07:23:12 -0500 (CDT)
Received: from OFFICE (iplink035.crocker.com [205.246.4.35]) by rmc1.crocker.com
(8.6.12/8.6.10) with SMTP id IAA06185 for <aprssig@tapr.org>; Fri, 13 Sep 1996
08:21:08 -0400
Message-Id: <199609131221.IAA06185@rmc1.crocker.com>
X-Sender: pho@crocker.com (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Sep 1996 07:20:41 -0500
To: aprssig@tapr.org
From: PETER OUELLETTE <pho@crocker.com>
Subject: Re: [APRSSIG:4671] Re: APRS Quake monitoring system

 04:46 PM 9/12/96 -0500, you wrote:
>
>>> The other idea that occurred to me is to hook up some sort of actual
>>> very simple "shake detector".
>>
> There was quite an exchange about that subject on ca.earthquakes back after
>the LA quake.
> The warning they got with P wave detectors (purchased at Home depot) was
>about 10 seconds.
> There is a guy in Fresno that has a system hooked to the Hopital paging
>system that uses two sensors and will page you and tell you where the quake
>is and its magnatude. It would be neat to get that into APRS.
>
>>
>>
>Norman Davis WB6SHI
>Email normd@cwnet.com
>Shingle Springs, Ca, USA
>
For those of us on the East Coast, please enlighten us. What's a "P wave"
detector?
Pete Ouellette N1AGV

From b.gotshall@worldnet.att.net Fri Sep 13 07:24:24 1996
Received: from mtigwc01.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA29167; Fri, 13 Sep
1996 07:24:22 -0500 (CDT)
Received: from LOCALNAME ([199.70.197.46]) by mtigwc01.worldnet.att.net
          (post.office MTA v2.0 0613) with SMTP id AAA10379;
          Fri, 13 Sep 1996 12:23:50 +0000
Message-ID: <32397BED.934@worldnet.att.net>
Date: Fri, 13 Sep 1996 08:21:17 -0700
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>
X-Mailer: Mozilla 2.01E (Win16; I)
MIME-Version: 1.0
To: "aprssig@tapr.org" <aprssig@tapr.org>
CC: aprs-fl@tapr.org
Subject: Digs,Jabs, and other personal   junk
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It has taken a while but I think I have finally figured out why there is
so much junk of a personal nature appearing on the SIG.
At first, I thought it was because people were lazy and the easiest way
to respond to a person was to hit the respond button, but I now think
I've stumbled upon the real reason.

It's something like, what Bob B. once referred to as "VANITY Bulletins"
that appear on ASPRS.

These people just want everyone to see their names and how witty they
are. (They my be half right)

If you wish to flame me, for this, you will have to do it directly, as I
will be signing off the sig for a short perion and I don't think the
mailbox will hold all the junk that comes accross daily.

Bud (WB4LTF)

From bruninga@nadn.navy.mil Fri Sep 13 09:10:40 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02493 for <aprssig@tapr.org>; Fri, 13
Sep 1996 09:10:38 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA16728 for <aprssig@tapr.org>; Fri, 13 Sep 1996
10:15:40 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 13 Sep 1996 10:15:40 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4684] Need map in the Boondox
In-Reply-To: <19960912.193426.4503.1.KC7LSP@juno.com>
Message-ID: <Pine.GSO.3.95.960913101051.14978B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 12 Sep 1996, Kevan J Coleman wrote:

> All - I would like a map of western Washington, other than the BLANK one
> that comes with the APRS software.

APRSdos REPLY/COMMENT: Every copy of APRS contains enough maps to at
least show the major highways and interstates. If you use the MAPS-CHANGE
to enter the WES maplist, then you should get even more detail if you got
the WMAPSxx.zip file. Now there is a PNWMAP09 file too with even more
maps...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From paul@eye.psych.umn.edu Fri Sep 13 09:10:59 1996
Received: from mail.unet.umn.edu (mail.unet.umn.edu [128.101.101.103]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA02512 for <aprssig@tapr.org>; Fri, 13 Sep 1996
09:10:57 -0500 (CDT)
Received: from eye.psych.umn.edu by mail.unet.umn.edu (5.65c)
     id AA17015; Fri, 13 Sep 1996 09:10:55 -0500
Date: Wed, 14 Aug 96 09:11:00 CDT
From: "Paul Beckmann" <paul@eye.psych.umn.edu>

Message-Id: <9608141411.AA05016@eye.psych.umn.edu>
Received: by eye.psych.umn.edu; Wed, 14 Aug 96 09:11:00 CDT
To: aprssig@tapr.org
Subject: Hobbie, art or ?
Cc: amsat-bb@amsat.org

I read through the APRS digest today (I'm an interested bystander at this point, with a TAPR GPS-20 on order) and wanted to bring one point to light. It is *very* dangerous to call ham radio a hobby! It is a federally-regulated service in which we participate. Does that sound too legal-schmegal?? I'll tell you from what I'm going through right now with my city for a 33 foot tower with a Mode-B&S trio of antennas on the top that it is not.

The first thing that the City Council/Planning Commission/anti-ham person will try to get you to admit is that ham radio is a hobby. Then, they'll say: "Well Bill and Jane down here on the end of the block say that looking at the clouds above your house is THEIR hobby and they can't engage in it if you put this eyesore up for YOUR hobby."

The FCC protection (preemption) of state and local regulation in the cases of antenna height (PRB-1) and RF Health and safety are founded on two basic foundation blocks: 1) we are tested, authorized to operate, and held accountable by the FCC. That means, when push comes to shove, the FCC expect YOU to know what the hell you're doing! 2) we are a national asset. This includes the currently in-operation communications networks we have set up, the stations we have assembled that we can bring on-line in time of need, the contributions we make to refining the communications "art" or "science", and *us*, as people who know how to operate communications gear, set up stations and communicate in a wide variety of ways.

I'll tell you this: I've engaged in the hobby of fly-fishing for stream trout for the last 12 years. I'm not waiting for the Feds to preempt a landowner's right to keep me off his land if I want to fish it!

Be proud and know what an assets we and what we engage in really are to the USA and the World as a whole.

Best 73's
--Paul Beckmann
wa0rse@amsat.org

From billh@netins.net Fri Sep 13 09:41:41 1996
Received: from insosf1.netins.net (root@insosf1.netins.net [167.142.225.5]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA03719 for <aprssig@tapr.org>; Fri, 13 Sep 1996 09:41:40 -0500 (CDT)
Received: from 199.120.94.94 (elrg-01-29.dialup.netins.net [199.120.94.94]) by insosf1.netins.net with SMTP id JAA09360 for <aprssig@tapr.org>; Fri, 13 Sep 1996 09:41:32 -0500 (CDT)
Message-ID: <323972C4.34F3@netins.net>
Date: Fri, 13 Sep 1996 14:42:12 +0000
From: "John W.(Bill) Hays" <billh@netins.net>

Reply-To: billh@netins.net
Organization: INS Info Services, Des Moines, IA, USA
X-Mailer: Mozilla 2.0 (Macintosh; U; 68K)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4687] Re: SKYWARN PART 2
References: <960913012520_521706588@emout04.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

N5RKN@aol.com wrote:
>
> What a concept! I vote for new radios from NEA...
>   Robert   N5RKN
But are we politically correct enough?

From mcinnis@austin.ibm.com Fri Sep 13 10:36:42 1996
Received: from netmail1.austin.ibm.com (netmail1.austin.ibm.com [129.35.208.96])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA05806 for <aprssig@tapr.org>; Fri,
13 Sep 1996 10:36:40 -0500 (CDT)
Received: from babe01.austin.ibm.com (babe01.austin.ibm.com [129.35.227.156]) by
netmail1.austin.ibm.com (8.6.12/8.6.11) with SMTP id KAA22536 for
<aprssig@tapr.org>; Fri, 13 Sep 1996 10:36:36 -0500
Received: by babe01.austin.ibm.com (AIX 4.1/UCB 5.64/4.03-client-2.6)
          for aprssig@tapr.org at austin.ibm.com; id AA28480; Fri, 13 Sep 1996
10:36:34 -0500
From: mcinnis@austin.ibm.com (McInnis)
Message-Id: <9609131536.AA28480@babe01.austin.ibm.com>
Subject: Re: [APRSSIG:4691] Re: APRS Quake monitoring system
To: aprssig@tapr.org
Date: Fri, 13 Sep 1996 10:36:33 -0500 (CDT)
In-Reply-To: <199609131221.IAA06185@rmc1.crocker.com> from "PETER OUELLETTE" at
Sep 13, 96 07:41:01 am
X-Mailer: ELM [version 2.4 PL25]
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>...
> For those of us on the East Coast, please enlighten us. What's a "P wave"
> detector?
> Pete Ouellette N1AGV
>
>

Well, I'm on the middle coast, but I think I can explain it. Pardon me
if I get the minor details wrong.

Earthquakes put out "P" (Pressure?) waves and "S" (Surface?) waves.
P waves travel faster, but S waves do the most damage. If you're far
enough from the center, the P waves arrive enough sooner than the more
damaging S waves to give you a few seconds warning before the
dangerous stuff starts. You MAY have time enough to duck into

a doorway, brace yourself, etc.

I think the P waves are compressional (the earth moves along the
direction of propogation) and S waves are longitudinal (the earth
moves perpendicular to the direction of propogation, like ripples
on a pond.)

--
Mickey McInnis - mcinnis@austin.ibm.com
--
All opinions expressed are my own opinions, not my company's opinions.

From bmicales@facstaff.wisc.edu Fri Sep 13 10:48:07 1996
Received: from audumla.students.wisc.edu (students.wisc.edu [144.92.104.66]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA06167 for <aprssig@tapr.org>; Fri, 13
Sep 1996 10:48:04 -0500 (CDT)
Received: from [144.92.79.161] by audumla.students.wisc.edu;
          id KAA56050; 8.6.9W/42; Fri, 13 Sep 1996 10:47:46 -0500
Message-Id: <v03007800ae5f3f30ab32@[144.92.79.161]>
In-Reply-To: <9608141411.AA05016@eye.psych.umn.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Sep 1996 10:54:34 -0600
To: aprssig@tapr.org
From: Bruce Micales <bmicales@facstaff.wisc.edu>
Subject: Re: [APRSSIG:4694] Hobbie, art or ?

I agree with Paul in that amateur radfio is not a hobby (solely) but also a
service. We operate our equipment so that we can 1) practice and refine
our operating skills and 2) test our equipment so that it is in good
working order when the need arises.

It is this that often makes amateur radio "appear" to be a hobby. Although
we may enjoy this (who said a service could not be enjoyable), it is
important for all to realize that what can be provided by amateur radio is
a highly important and useful tool in times of emergency.

If I am asked, is amateur radio a hobby or service, the answer must be
both! It is providing a service and prepares a service for the public good
(one of many things amateur radio does.).

Sorry, for the distraction from APRS....getting off the soapbox and
returning the SIG to APRS use.

Bruce Micales ---- bmicales@facstaff.wisc.edu
Anatomy Department ---- University of Wisconsin - Madison
WA2DEU : WA2DEU-1 on 145.03 MHz
PBBS: WA2DEU@WD9ESU.#SCWI.EN53IE.WI.USA.NOAM

From jratchf@bulldog.afsc.k12.ar.us Fri Sep 13 11:10:14 1996

Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA07042 for <aprssig@tapr.org>; Fri, 13 Sep 1996
11:10:11 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us
[170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id LAA22789
for <aprssig@tapr.org>; Fri, 13 Sep 1996 11:10:11 -0500
Message-Id: <199609131610.LAA22789@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: Bitterweed & APRS
Date: Fri, 13 Sep 1996 11:09:01 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

This has absolutly nothing to do with APRS! There at least I've said APRS three times! hihi

This is NOT a flame!

This is yet another amusing little story that happened here in the Ozarks that I thought I'd leave you with before I head off to New York.

It is a known fact that Cows produce calfs. And calfs nurse from the Cows utters until they are weened by the "mama" Cow. However, there are times when there is little to eat, like in dry weather, and the calf continues to suckle until its almost the size of the "ma" Cow.

It is also known that in dry weather conditions, like WE are having now, that the weeds grow like crazy. One of the most common is called Bitterweed. Dairy farmers have a problem in the summer dry weather in that the milk produced is actually bitter from the bitterweed being eaten. Ma Cows that have yearling calfs still sucking will eat the bitterweed intentionally to ween the calf!

The above are "well known facts"! Well known here at least. You just learn these things as you grow up. Now, it is also a fact that if you head out across certain areas of Arkansas, especially in these hills, you'll run across a few hillbillies. Yes, just like the ones on HeeHaw where they are laying around in the yard. Well, one of the ways the hillbilly supports himself is to have lots of children to do the "family chores". But, this causes a problem at the dinner table of not enough food to go around and "things" just happen. Things like the ma cow and calf.

(Here is a true story) One day me and a friend out travelling around the area and ran across and old road we'd never been down. So, we decided to drive on down it and see where it when. It was like HeeHaw never left! There is was, Ma, Pa, Sister, Brother, Sister, Brother, Uncle and Aunt in the front yard! We'd done it! Gone back to the dark ages (about 10 years ago around here)! Naturally we were invited in "fer dinner" (dinner here

is lunch, and then there's supper). We went in a had biskets, gravy and squirel. Sat around, talked about the weather, fishing and squirel hunting. As we were talking, a young boy about the age of 10 peeked out from around a door and said, "Ma? Com eere!". I didn't think anything of it, but "Uncle" stepped in and said, "It's his Dinner time, he's still a nurse'n but she's try'n to ween em by rubbin green persimmons on herself". I could hardly keep a straight face! My bud and I looked at each other and decided it was time to go! But, before we could get out of the door, the little boy came running out of the back room yelling, "PA, PA, Ma's been eat'n Bitterweed again!"

73 all
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* ARRL * ARES EC * RACES * NAARS, Inc. *
* MVFD/EMS FR * CCL #426 *

From ku0g@sprynet.com Fri Sep 13 11:49:48 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA08760 for <aprssig@tapr.org>; Fri, 13 Sep 1996 11:49:46 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id JAA27357 for <aprssig@tapr.org>; Fri, 13 Sep 1996 09:46:58 -0700
Date: Fri, 13 Sep 1996 09:46:58 -0700
Message-Id: <199609131646.JAA27357@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4653] Re: APRS Airshow

>That is correct a Garmin 45 will not display direction and speed above 99
>knots. Here they are there by you, see if you can convince them in the
>errors of their logic <grin>.
>
I tried, they aren't interested in listening at this point. Perhaps letters from every ham that has a Garmin 45!!!

73 de Jim, KU0G
>

From Paul_Moller@csg.mot.com Fri Sep 13 13:25:18 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA11980 for <aprssig@tapr.org>; Fri, 13 Sep 1996 13:25:08 -0500 (CDT)
Received: from pobox.mot.com (pobox.mot.com [129.188.137.100]) by motgate2.mot.com (8.7.3/8.6.10/MOT-3.8) with ESMTP id SAA25382 for <aprssig@tapr.org>; Fri, 13 Sep 1996 18:21:00 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by pobox.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id NAA19716 for <aprssig@tapr.org>; Fri, 13 Sep 1996 13:24:34 -0500 (CDT)

Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by
OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id NAA27336 for <aprssig@tapr.org>;
Fri, 13 Sep 1996 13:24:28 -0500
Message-Id: <3.0b15.32.19960913132431.00705a2c@144.188.134.33>
X-Sender: mollpj@144.188.134.33
Disposition-Notification-To: <Paul_Moller@csg.mot.com>
X-Mailer: Windows Eudora Pro Version 3.0b15 (32)
Date: Fri, 13 Sep 1996 13:24:33 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: Re: [APRSSIG:4682] Re: RELAY on hf
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The default alias for a digipeat on hf is "RELAY". I would say that putting
RELAY in an hf path without a VERY good reason is a good way to clog the hf
channel even more than it is.
Please try to refrain unless you have a good reason of which frankly I am
hard pressed to think of one right now..

At 10:21 PM 9/12/96 -0500, you wrote:
>On Thu, 12 Sep 1996 13:25:12 -0500 (CDT) n8chb@juno.com (Roger Breckon)
>writes:
>
>>Could someone tell me the scoop on why I am seeing so many stations with
>RELAY
>>in the path on hf 10.151 ?
>
>I imagine it's to facilitate a WIDE area map of stations.
>
>>I'm not trying to be a policeman or anything, I just wonder how they are
>getting on to 30 mtrs.
>
>The APRS transmissions are probably originating on HF or maybe someone is
>set up to cross-band repeat.   Coulkd it be a frequency that is being
>specifically used just for APRS?
>
>>Does someone have their Alias set to RELAY?
>
>That would explain why they are being retransmitted.
>
>
>
Paul, WD9ABE

From Leroy.Lawhorn@275-17.usbbs.com Fri Sep 13 14:22:18 1996
Received: from NetUSA.Net (root@mail.NetUSA.Net [204.141.0.25]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA13369 for <aprssig@tapr.org>; Fri, 13 Sep 1996
14:22:10 -0500 (CDT)
Received: by usbbs.com (0.99.950801)
  id AA02927; 13 Sep 96 15:20:37 -0500
From: Leroy.Lawhorn@275-17.usbbs.com (Leroy Lawhorn)

Date: 11 Sep 96 22:09:15 -0500
Subject: APRS77F.ZIP IS OUT!!!
Message-ID: <0bd_9609131520@usbbs.com>
Organization: WoodyWare Software, Inc.
To: aprssig@tapr.org

W4VIW's BBS has the latest version of APRS, which is APRS77B.ZIP

W4VIW's BBS @ 864-299-6185

LeRoy Lawhorn SySop & UFOlogist

--- WILDMAIL!/WC v4.12
 # Origin: W4VIW's BBS 864-299-6185 Greenville, SC USA (73:1320/1.0)
--
|Internet: Leroy.Lawhorn@275-17.usbbs.com
|
| Standard disclaimer: The views of this user are strictly their own.
| WoodyWare Software, Inc. - Internet E-Mail Services
| Info: info@usbbs.com

From ku0g@sprynet.com Fri Sep 13 15:14:05 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA14799 for <aprssig@tapr.org>; Fri, 13 Sep 1996
15:14:00 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id NAA18261 for <aprssig@tapr.org>; Fri, 13 Sep 1996 13:11:08 -0700
Date: Fri, 13 Sep 1996 13:11:08 -0700
Message-Id: <199609132011.NAA18261@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4670] Re: SKYWARN PART 2

<lawnmower gone berserk....>

> I actually *NEED* to stay on
>145.790!
>
>Bill Young
>byoung@qni.com
>Treasurer/Board Member of Kansas City APRS Working Group
>National APRSoholics Anonymous Poster Child
>KB0UZQ

You'll understand this "poster child" business when we put his ugly (and I
DO mean UGLY!) mug on the KC APRS Home Page. We'll probably lose our "Safe
Surf" rating, but what the hay!

(with tongue in cheek)
de Jim, KU0G

>

From ku0g@sprynet.com Fri Sep 13 15:15:35 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA14842 for <aprssig@tapr.org>; Fri, 13 Sep 1996
15:15:33 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id NAA18560 for <aprssig@tapr.org>; Fri, 13 Sep 1996 13:12:45 -0700
Date: Fri, 13 Sep 1996 13:12:45 -0700
Message-Id: <199609132012.NAA18560@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4675] Re: SKYWARN PART 2

>On Thu, 12 Sep 1996, john w dent wrote:
>
>> ham radio is an form of art not a hobbie
>
>Last I looked, it WAS a hobby...
>
>(Wonder if the National Endowment for the Arts [NEA] will buy us all new
>radios???)
>
><G>

ONLY if we start hamming in the nude! <Big S.E. Grin>

73 de JIm, KU0G

>

From ku0g@sprynet.com Fri Sep 13 15:18:57 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA15094 for <aprssig@tapr.org>; Fri, 13 Sep 1996
15:18:54 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id NAA19171 for <aprssig@tapr.org>; Fri, 13 Sep 1996 13:16:05 -0700
Date: Fri, 13 Sep 1996 13:16:05 -0700
Message-Id: <199609132016.NAA19171@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org

From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4681] Re: SKYWARN PART 2

>On Thu, 12 Sep 1996 byoung@qni.com wrote:
>
>>
>> Bill Young
>> byoung@qni.com
>> Treasurer/Board Member of Kansas City APRS Working Group
>
>**
>> National APRSoholics Anonymous Poster Child
>**
>
>> KB0UZQ
>>
>Love it, do I see a T-shirt for the national gathering?
>
>Does weather service pay attention to APRS? Yes, or at least they do here.
>We have a remote station (more on the way funded by our emergency
>manager) 30 miles west of NWS in Grand Fork, ND. During the last weather
>event the communicator kept asking the remote station had indicated the
>wind change yet. We could easily report when it had because the monitor
>for APRS is along side of our remote PUP display.
>
>Gerry
>N0NGW
>
>ps keep up the good work Bob and Sproul Bros
>
>
Would sure be nice to see ND on HF or even VHF sometime! Are you guys on
145.79????

73 de Jim, KU0G
Coordinator/KC APRS Working Group

From Anthony_M._Werdein.Wbst139@xerox.com Fri Sep 13 16:02:57 1996
Received: from alpha.xerox.com (alpha.Xerox.COM [13.1.64.93]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA17084 for <aprssig@tapr.org>; Fri, 13 Sep 1996
16:02:55 -0500 (CDT)
From: Anthony_M._Werdein.Wbst139@xerox.com
Received: from DeltaDawn2.Wbst147.Xerox.xns by alpha.xerox.com via XNS id
<14586(1)>; Fri, 13 Sep 1996 14:02:07 PDT
X-NS-Transport-ID: 0000AA0092155A0B35E6
Date: Fri, 13 Sep 1996 14:01:48 PDT
Subject: APRS & VOICE ON THE SAME FREQ?
To: aprssig@tapr.org
Message-ID: <"13-Sep-96 17:01:38".*.Anthony_M._Werdein.wbst139@Xerox.com>

To All,
     At our RAPS (Rochester Amateur Packet Society) meeting one of our
members heard that you could run APRS and Voice on the same frequency (news to

me :). And he wanted to know if anybody in the area was available talk about it. I spoke to him about your SIG and he doesn't have email, just heard about it, well I told him that I would inquire and get back to him (which I am doing).
     Can any and all who can please respond if this is so and how or what , or basically more information is hoped to be gathered to be passed on to help a fellow ham.
     Please respond to me directly as I am not on your SIG mailing.
Thank you all for your consideration, and help.
73
Tony
N2TRV
In the land of Imaging Rochester, NY

From wo0e@sky.net Fri Sep 13 16:16:17 1996
Received: from sky.net (wo0e@solar.sky.net [198.70.175.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA17737 for <aprssig@tapr.org>; Fri, 13 Sep 1996 16:16:16 -0500 (CDT)
Received: from localhost (wo0e@localhost) by sky.net (8.7.3/8.7.3) with SMTP id QAA10944 for <aprssig@tapr.org>; Fri, 13 Sep 1996 16:16:12 -0500 (CDT)
Date: Fri, 13 Sep 1996 16:16:12 -0500 (CDT)
From: Bill Lefler <wo0e@sky.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4675] Re: SKYWARN PART 2
In-Reply-To: <Pine.BSI.3.94.960912165528.9458A-100000@easy1.mediacity.com>
Message-ID: <Pine.GSO.3.93.960913161008.8351D-100000@sky.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 12 Sep 1996, Paul Christenson wrote:
     Darn! I was so hoping I would be able to keep my mouth shut too!!!
>
> Last I looked, it WAS a hobby...
                  ^^^^^^^^^^^^^^^^ Incorrect (as stated)
It is referred to as "The Amateur Radio Service", not "The Amateur Radio Hobby". First and foremost we must provide a public service. If we do not, then all we are is (as my wife used to say before being exposed to the wonderful world of PS events) "a bunch of old, fat men sitting around talking on the radio.". The Frequencies we are allocated are a limited and valuable resource. If you don't think we are privillaged to have so many, try to apply for a new business allocation! (Sounds of "an old fat man" stepping off his ponderous soapbox.....) >
> (Wonder if the National Endowment for the Arts [NEA] will buy us all new
> radios???)   ^^^^^^^^^^^^^^^^^^^^ Put me in for a TS-870!!!!!!!!!!
>
> <G>
>
>
BCNU Lef
****
wo0e@sky.net - Bill Lefler - Kansas City KS
Amateur Radio - WO0E (Dub-Yo-Zeree)
"Life is a Reach! Sheet in and Hike Hard!"

****

From mark@y100.com Fri Sep 13 18:14:35 1996
Received: from mail.voicenet.com (mail.voicenet.com [207.103.0.37]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA21103 for <aprssig@tapr.org>; Fri, 13 Sep 1996 18:14:33 -0500 (CDT)
Received: from default (ivyland248.voicenet.com [207.103.6.147]) by mail.voicenet.com (8.7.5/8.6.12) with SMTP id TAA17513 for <aprssig@tapr.org>; Fri, 13 Sep 1996 19:16:21 -0400 (EDT)
Message-ID: <3239E895.2BD5@y100.com>
Date: Fri, 13 Sep 1996 19:04:53 -0400
From: Mark Humphrey <mark@y100.com>
Organization: WPLY - 100 / Radio Philadelphia
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Solution to Intermod Problem
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I recall there was a thread going a few months ago about intermod problems, but haven't heard much about this lately. I picked up a PAR Electronics model VHFDN152 2 meter "Intermod Filter" last weekend at the FARfest in Gaithersburg, and want to report it fixed my intermod problem, especially on the 145.79 APRS frequency.

My mobile rig is a Kenwood TM-733, which I chose due to dashboard space constraints. Although I'm generally happy with its features, the intermod rejection on 2 meters is poor. The "AIP" feature (which reduces the gain of the first RF stage) doesn't make much improvement.

I use this rig frequently for mobile APRS, however I've had severe paging interference on 145.79 (although many other amateur 2m frequencies were clean). Within a couple miles of most of the local commercial tower sites, the interference was so bad it would hold the DCD for several minutes and prevent my position packets from being sent. Further investigation explained why 145.79 was being hit so hard...

Two of the "RC Paging" frequencies assigned to Radio Common Carriers in the Philadelphia metro (and most other cities) are 152.24 and 158.70. When these frequencies mix in a receiver's front end, one of the third order intermod products is 145.78, just 10 kHz down from the APRS channel.

(2 X 152.24) - 158.7 = 145.78

Note that the deviation on the lower frequency is doubled, since its second harmonic is
what actually mixes with the higher frequency to generate the product. Assuming 5 kHz
peak deviation from each paging transmitter, the effective deviation of the product is
15 kHz, which easily spills over to 145.79. The "overdeviation" causes the modulation
of the product to sound distorted and obnoxious, not to mention that paging signals are
square waves to begin with.

According to the curves, the PAR filter provides a deep notch (nearly -55 dB) at 152.4
and appears to exceed 35 dB attenuation from 152.0 to 153.0 MHz. That easily takes out
the lower paging frequency and eliminates the intermod. Below the notch at 145.79, the
insertion loss is less than 0.3 dB, and even at the "worst-case" amateur frequency,
148.0, a loss of only 0.6 dB is claimed, which is comparable to most bandpass filters.
The loss above the notch frequency is greater, about 4 dB at 160 MHz, but that still
lets me listen to NOAA WX, the Broadcast RPU channels, etc. Loss across the 440-450
band is about 0.2 dB, and it will handle 50 watts without melting down.

So if you're having paging intermod problems on 145.79, you might want to consider one
of these. I was skeptical until I tried it. The manufacturer is PAR Electronics, 6869
Bayshore Drive, Lantana FL 33462.

73, Mark Humphrey N2CHV
WPLY-FM Philadelphia

From N2ZRC@gnn.com Fri Sep 13 18:15:37 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA21132 for
<aprssig@tapr.org>; Fri, 13 Sep 1996 18:15:32 -0500 (CDT)
Received: from 53-61.client.gnn.com. (53-61.client.gnn.com [205.188.53.61]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id TAA21136 for
<aprssig@tapr.org>; Fri, 13 Sep 1996 19:14:58 -0400 (EDT)
Message-Id: <199609132314.TAA21136@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Sep 1996 19:15:04
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org

Subject: WA2JNF-4 (Brooklyn NY) WIDE-RELAY Down

Hi all,

     I've been in touch with Stu, and he assures me that his
WIDE-RELAY (WA2JNF-4) will be back up tomorrow (saturday). I
hope he's right because I need that rig for the ARRL VHF QSO
Party!

     Temporary WIDE-RELAY N2ZRC will remain on the air until
about 1300 EDT Saturday. Hopefully Stu will be back up by then.
Of course, if he comes back earlier I will terminate my service
as WIDE-RELAY as soon as I see he's back. 73

               Arte Booten <N2ZRC@gnn.com>
 (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
  [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From paulc@cyclades.com Fri Sep 13 18:17:25 1996
Received: from main.cyclades.com (easyfm.mediacity.com [205.216.172.145]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA21172 for <aprssig@tapr.org>; Fri, 13
Sep 1996 18:17:22 -0500 (CDT)
Received: from tech (paul@tech.cyclades.com [206.221.221.34]) by main.cyclades.com
(8.7.5/8.7.3) with SMTP id QAA01517 for <aprssig@tapr.org>; Fri, 13 Sep 1996
16:18:07 -0700
Sender: paul@main.cyclades.com
Message-ID: <3239EB74.5E043331@cyclades.com>
Date: Fri, 13 Sep 1996 16:17:08 -0700
From: Paul Christenson <paulc@cyclades.com>
Organization: Cyclades Corporation
X-Mailer: Mozilla 3.0b6Gold (X11; I; Linux 2.0.19 i586)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4697] Re: Hobbie, art or ?
References: <v03007800ae5f3f30ab32@[144.92.79.161]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Micales wrote:
>
> I agree with Paul in that amateur radfio is not a hobby (solely) but
> also a service.

This is getting twisted around a little too much.. Remember that the
original poster stated that ham radio was NOT a hobby, but an art. I
simply said it WAS a hobby.

I did not say that it was ONLY a hobby. It certainly is a service...
the Amateur Radio Service.

--
+--+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| Maker of High Performance Multiport Serial Cards |
+--+

From paulc@cyclades.com Fri Sep 13 18:25:14 1996
Received: from main.cyclades.com (easyfm.mediacity.com [205.216.172.145]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA21455 for <aprssig@tapr.org>; Fri, 13
Sep 1996 18:25:10 -0500 (CDT)
Received: from tech (paul@tech.cyclades.com [206.221.221.34]) by main.cyclades.com
(8.7.5/8.7.3) with SMTP id QAA01530 for <aprssig@tapr.org>; Fri, 13 Sep 1996
16:25:59 -0700
Sender: paul@main.cyclades.com
Message-ID: <3239ED46.2C85242@cyclades.com>
Date: Fri, 13 Sep 1996 16:24:54 -0700
From: Paul Christenson <paulc@cyclades.com>
Organization: Cyclades Corporation
X-Mailer: Mozilla 3.0b6Gold (X11; I; Linux 2.0.19 i586)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4703] Re: SKYWARN PART 2
References: <199609132012.NAA18560@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> >(Wonder if the National Endowment for the Arts [NEA] will buy us all
> > new radios???)

> ONLY if we start hamming in the nude! <Big S.E. Grin>

That probably wouldn't work, either.. Maybe if you painted religious
symbols on a California Kilowatt and someone took a picture of you
whizzing on it...

I'd buy a print.. ONLY if the amplifier was turned on, though!

<G>

--
+--+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| Maker of High Performance Multiport Serial Cards |
+--+

From mark@y100.com Fri Sep 13 18:26:34 1996
Received: from mail.voicenet.com (mail.voicenet.com [207.103.0.37]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA21507 for <aprssig@tapr.org>; Fri, 13 Sep 1996
18:26:28 -0500 (CDT)
Received: from default (ivyland248.voicenet.com [207.103.6.147]) by
mail.voicenet.com (8.7.5/8.6.12) with SMTP id TAA18643 for <aprssig@tapr.org>;

Fri, 13 Sep 1996 19:28:18 -0400 (EDT)
Message-ID: <3239EBDB.592@y100.com>
Date: Fri, 13 Sep 1996 19:18:51 -0400
From: Mark Humphrey <mark@y100.com>
Organization: WPLY - 100 / Radio Philadelphia
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4594] WA2JNF-4 (Brooklyn NY) down
References: <199609102250.SAA25834@mail-e2b-service.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arte Booten wrote:

> This morning I looked at APRS and found Stu's WIDE-RELAY
> (WA2JNF-4) station was apparently down. I'm trying to get in
> touch with him in case he's unaware of it. In the meantime, I
> have set my KPC-3 with an MYAlias of WIDE and MYNode of RELAY.
> I expect this to be a temporary situation and my BText reflects
> this.
>
> Unfortunately, I do not hear as well as Stu (my antenna is
> on the roof at 80' HAAT, his is on a tower 200' HAAT!) None-
> theless, I'll see what I can do. As of now, my digipath is:
> W2HPM,WIDE,WIDE which will lead stuff more into the northeast
> than towards the south. Any suggestions on this would be ap-
> preciated. 73
>

Arte:

Definitely noticed a difference "down south" here, very few packets are making it down
to SE PA from the NYC area or New England. Hope Stu gets it fixed soon, it's an important link.

73, Mark N2CHV

From amirault@laraby.tiac.net Fri Sep 13 19:30:19 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA24554 for <aprssig@tapr.org>; Fri, 13 Sep 1996 19:30:16 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id UAA24986; Fri, 13 Sep 1996 20:34:35 -0400
Date: Fri, 13 Sep 1996 20:34:35 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Bug in 77b ?
In-Reply-To: <Pine.GSO.3.93.960913161008.8351D-100000@sky.net>
Message-ID: <Pine.BSF.3.91.960913203126.24639C-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just trying out 77b (from 75) and may have found a bug...

Once I've enabled Just WX, I can't get out of that mode! If I type Just Calls (If I remember correctly) then I see all the icons on the screen, but WITHOUT CALLS. This only lasts until the next screen re-draw, when it goes back to WX only.

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From k4kep@k4kep.#lux.sc.usa.noam Fri Sep 13 20:25:59 1996
Received: from vhf.n2njh-5.ampr.org (hamgate.sunyerie.edu [192.188.232.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA26852 for <aprssig@tapr.org>; Fri, 13 Sep 1996 20:25:56 -0500 (CDT)
Received: from vhf.n2njh-5.ampr.org by vhf.n2njh-5.ampr.org (TNOS2.10/U) with SMTP
id AA141198 ; Fri, 13 Sep 96 21:08:57 -0400
X-BBS-Msg-Type: B
Date: 12 Sep 96 18:24:00 UTC
Message-Id: <17289_K4KEP@kd4idr.bbs>
Sender: k4kep@k4kep.#lux.sc.usa.noam
From: k4kep@k4kep.#lux.sc.usa.noam
To: aprs@allus
Subject: W4VIW LLBBS APRS77B.ZIP AVAIL

R:960913/2247z @:KD4IDR.#ENG.FL.USA.NOAM Englewood, FL Z:34224 $:17289_K4KEP
R:960913/2134Z @:WB0TAX.#SHRV.LA.USA.NOAM #:44989 $:17289_K4KEP
R:960913/2107Z @:KA6EYH.#NOCAL.CA.USA.NOAM #:169 [Pacifica] $:17289_K4KEP
R:960913/2202Z @:W7TA.#NONEV.NV.USA.NOAM #:60510 [Reno] $:17289_K4KEP
R:960913/1606Z @:WB7TLS.AZ.USA.NOAM #:6550 [Tucson] $:17289_K4KEP
R:960912/1947Z @:N3BAF.#GRD.SC.USA.NOAM #:13738 [Greenwood] $:17289_K4KEP
R:960912/1824Z @:K4KEP.#LUX.SC.USA.NOAM [GRAY COURT] #:17289 Z:29645

From: K4KEP@K4KEP.#LUX.SC.USA.NOAM
To : APRS@USA

From: W4VIW@KD4BSL.#PKZ.SC.USA.NOAM
To : APRS@USA

Check out my llbbs at 864-299-6185 located in Greenville, SC

From amirault@laraby.tiac.net Fri Sep 13 20:59:30 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA27892 for <aprssig@tapr.org>; Fri, 13 Sep 1996 20:59:28 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id WAA25897; Fri, 13 Sep 1996 22:03:44 -0400
Date: Fri, 13 Sep 1996 22:03:43 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org

Subject: Re: Just WX bug in 77b
In-Reply-To: <3239ED46.2C85242@cyclades.com>
Message-ID: <Pine.BSF.3.91.960913220155.25853A-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

With help on my local APRS net I discovered I needed to use a completely
NEW config file.....works fine now...(so far)

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From rwf@mindspring.com Fri Sep 13 21:56:21 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA29725 for <aprssig@tapr.org>; Fri, 13
Sep 1996 21:56:17 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id WAA18177 for <aprssig@tapr.org>;
Fri, 13 Sep 1996 22:56:15 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id WAA19841 for
<aprssig@tapr.org>; Fri, 13 Sep 1996 22:56:12 -0400
Message-Id: <2.2.32.19960914025928.006e7e94@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Sep 1996 22:59:28 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: KO4HD visits Atlanta (web address for photos)

Steve, KO4HD stopped by for dinner tonight while on his way to the Digital
Convention in Seattle. For a couple of pictures of the varmint, cruise by
the Atlanta APRS Home Page at:

http://www.mindspring.com/~rwf/aprs1.html

73

Ralph

From w4wwq@juno.com Sat Sep 14 03:24:10 1996
Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA13386 for <aprssig@tapr.org>; Sat, 14
Sep 1996 03:24:08 -0500 (CDT)
Received: (from w4wwq@juno.com) by x3.boston.juno.com (queuemail)
     id CAA25744; Sat, 14 Sep 1996 02:27:18 EDT
To: aprssig@tapr.org
Date: Fri, 13 Sep 1996 22:29:35 PST
Subject: Re: oops!
Message-ID: <19960913.225849.5407.0.W4WWQ@juno.com>
References: <3238F19E.7F1F@concentric.net>

X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 3-4,9-25
From: w4wwq@juno.com (Peter J Lascell)

Is there e-mail software out there that won't let you CLEAR, DELETE, KILL
or otherwise STOP a message you have just written before you send it? I
have been seeing a lot of mis-addressed messages to the SIG that end up
"Oops" toward the end.

Those of us who use JUNO shouldn't be caught in the trap of not being
able to remove our foot from our mouth before sending a message.   JUNO
 messages are sent from an Outbox and uploaded all at once rather than
real time on line where a message can't be recalled if there is an error
or Oops.

Pete

On Thu, 12 Sep 1996 21:38:36 -0500 (CDT). . . . . . writes:
> wrote:
>>
>> Hi....l,
>>
>> It's been a while, how are you?
>
>Oops!
>
>This wasn't suppose to go to the SIG. Sorry!
>
>73 De . . . . . .

From mwalker@interlog.com Sat Sep 14 07:49:41 1996
Received: from smtp.interlog.com (root@smtp.interlog.com [198.53.145.6]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA22245 for <aprssig@tapr.org>; Sat, 14
Sep 1996 07:49:39 -0500 (CDT)
Received: from gold.interlog.com (root@gold.interlog.com [198.53.145.2]) by
smtp.interlog.com (8.7.4/8.7.4) with ESMTP id IAA19038 for <aprssig@tapr.org>;
Sat, 14 Sep 1996 08:41:24 -0400 (EDT)
Received: from INTERLOG.COM (mwalker.interlog.com [199.212.152.131]) by
gold.interlog.com (8.6.10/8.6.10) with SMTP id IAA01575 for <aprssig@tapr.org>;
Sat, 14 Sep 1996 08:49:35 -0400
Message-Id: <199609141249.IAA01575@gold.interlog.com>
From: "Mike Walker" <mwalker@interlog.com>
To: "APRSSIG" <aprssig@tapr.org>
Date: Fri, 13 Sep 96 08:37:00 -0400
Reply-To: "Mike Walker" <mwalker@interlog.com>
Priority: Normal
X-Mailer: Mike Walker's Registered PMMail 1.52 For OS/2
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Subject: Clock speed up

Has anyone seen this problem

I first noticed this during the meteor scatter, when I couldn't keep the clock running on time. I kept gaining time, and I thought it was the cpu (Dell 316SX), and I never gave it much thought. I gain several 10's of minutes a day when using aprs.

I then loaded the Pete Bros wx capture program and left it running for a week. The time is perfect.

So, do we have a problem with APRS v76x and the calls it does to the clock,

Ideas?

many thanks...mike

Mike Walker
127 High St. W.
Mississauga, ON
L5H 1K4

mwalker@interlog.com
rf: va3mw@va3bbs

From N2ZRC@gnn.com Sat Sep 14 08:43:43 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA23467 for <aprssig@tapr.org>; Sat, 14 Sep 1996 08:43:41 -0500 (CDT)
Received: from 11-239.client.gnn.com. (11-239.client.gnn.com [205.188.11.239]) by mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id JAA02529 for <aprssig@tapr.org>; Sat, 14 Sep 1996 09:43:05 -0400 (EDT)
Message-Id: <199609141343.JAA02529@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 14 Sep 1996 09:41:46
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4677] Re: aprs vs ragchewing

Hi All,

On Thu, 12 Sep 1996 Bob Bruninga wrote:

>2) Knowing how to select dual paths for your data.

>6) Learning how to bundle multiple messages along the same
>path so that you are not delayed waiting for APRS to change
>paths.

     Huh? I certainly don't claim to know EVERYTHING there is to know about APRS (espcially since it's always being "tweaked" by Bob) but these two items have escaped me.

     How can I "bundle" messages that are intended for two stations that are essentially in opposite directions without causing excessive QRM?

As for "dual paths," this completely confounds me. Please explain this concept. 73

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From N2ZRC@gnn.com Sat Sep 14 08:44:05 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA23488 for <aprssig@tapr.org>; Sat, 14 Sep 1996 08:44:04 -0500 (CDT)
Received: from 11-239.client.gnn.com. (11-239.client.gnn.com [205.188.11.239]) by mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id JAA18341 for <aprssig@tapr.org>; Sat, 14 Sep 1996 09:43:29 -0400 (EDT)
Message-Id: <199609141343.JAA18341@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 14 Sep 1996 09:43:46
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Help w/DLG (opt.) C-D

Hi All,

Well, I finally GOT the USGS C-D for my area so I can make maps. The problem is it won't install!

The disk is 1:100,000-Scale Digital Line Graph (DLG) Data Hydrography and Transportation US GeoData Optional Format dated June 1993 for Area 1. The computer is a PC-clone DX2/50 running Windows 95 (with the latest updates from Mr. Bill's website.) I re-start the computer in MS-DOS mode, then switch to the C-D and try to install it. Every time I do so it says it's copying the files, then says I've got the incorrect DOS version (or words to that effect) after each file has been "copied!" I'm stymied! I'm stuck! HEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEELP! 73

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From lmiller@ezl.com Sat Sep 14 09:05:55 1996
Received: from www.ezl.com (root@www.ezl.com [206.24.43.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24114 for <aprssig@tapr.org>; Sat, 14 Sep 1996 09:05:54 -0500 (CDT)

Received: from lmiller.ezl.com (ppp2.ezl.com [206.24.43.13]) by www.ezl.com
(8.7.3/8.6.9) with SMTP id JAA02110 for <aprssig@tapr.org>; Sat, 14 Sep 1996
09:07:36 -0500 (CDT)
Message-ID: <323ABBC8.3EA2@ezl.com>
Date: Sat, 14 Sep 1996 09:06:00 -0500
From: Larry Miller <lmiller@ezl.com>
X-Mailer: Mozilla 2.02 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS Mobiles
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow, what a month. Two mobile APRS out of towners rolling through the
St Louis Metro area in less than a week.

Last weekend had a quick voice QSO with N4NEQ on his way through and
today a chat with KO4HD as he rolled west enroute to Seattle.

Makes me want to work even harder (or find the time to) get the GPS-20
up and working.

73....
--
Larry
   Personal: lmiller@ezl.com
   Ham Radio: n9lbg@kd9sg.#sil.il
   Home Page: http://www.ezl.com/~lmiller

From wa8inz@cris.com Sat Sep 14 09:31:58 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24751 for <aprssig@tapr.org>; Sat, 14
Sep 1996 09:31:56 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id KAA01974; Sat, 14 Sep 1996 10:31:09 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc000227.concentric.net [206.173.121.227])
     by cliff.cris.com (8.7.5)
     id KAA22114; Sat, 14 Sep 1996 10:31:53 -0400 (EDT)
Message-ID: <323ADDF4.4D8E@cris.com>
Date: Sat, 14 Sep 1996 09:31:48 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4717] Clock speed up
References: <199609141249.IAA01575@gold.interlog.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Walker wrote:
>
> Has anyone seen this problem
>
> I first noticed this during the meteor scatter, when I couldn't keep the clock
> running on time. I kept gaining time, and I thought it was the cpu (Dell
> 316SX), and I never gave it much thought. I gain several 10's of minutes a day
> when using aprs.
>
> I then loaded the Pete Bros wx capture program and left it running for a week.
> The time is perfect.
>
> So, do we have a problem with APRS v76x and the calls it does to the clock,
>
> Ideas?
>
> many thanks...mike
>
> Mike Walker   mwalker@interlog.com
> 127 High St. W.   rf: va3mw@va3bbs
> Mississauga, ON
> L5H 1K4

Now that you mention it Mike i had the exact same problem during the meteor scatter event, in fact a friend of mine told me i was TX'ing in the wrong time event time zone. I even called Gateway to complain since it was a brand new system. I will have to check again because since that i set my clock on a regular basis (Maybe i don't have to).
--

                \////
                (0 0)
           --o0-(_)-0o--
           wa8inz@amsat.org
           wa8inz@cris.com
     Check out my A.P.R.S Web Page.
   THANKS TO THOSE MENTOR VOLENTEERS
  Also check out my WA8INZ Home page.

   http://www.concentric.net/~wa8inz

From jclakeland@ucdavis.edu Sat Sep 14 10:05:04 1996
Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA26096 for <aprssig@tapr.org>; Sat, 14 Sep 1996 10:05:02 -0500 (CDT)
Received: from DialupEudora by franc.ucdavis.edu (8.7.5/UCD3.5.8)
     id IAA20309; Sat, 14 Sep 1996 08:04:58 -0700 (PDT)
Message-Id: <199609141504.IAA20309@franc.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 14 Sep 1996 08:06:32 -0800
To: aprssig@tapr.org
From: jclakeland@ucdavis.edu (John Lakeland)

Subject: new user (me)

Hi all,
   First and foremost let me say thanks to all of you who created this system (APRS) it's just great. Special thanks to the guys who wrote the programs.
   I have 8,943,015,805 questions, but I'll start with just a few. I am running MacAPRS version 2.6.

1. I can't seem to save a map zoom alias, which I read about in one of the docs. Is this possible in my version?
2. I can't seem to find a good explanation of how the unproto functions work. Remember I am a newbie. In order to set my path correctly I need to know what happens to my signal. Eg. I send via "wide,wide". All digi's who hear me repeat my signal (stripping one wide?). All digi's who hear the repeat, repeat again (stripping the second wide?) Or is the method of limiting repeating different. How do gates work? Etc. etc.

    Well, I think this software is worth enhancing. I know that the guys who write the code are loaded to the max and docs are hard to do on top of what they already do, particularly docs that answer every newbie question, like the 6 inch thick books Microsoft writes for a simple word processor. Could we in this sig help fill out the docs? I'd like to go over every menu command and create an explanation that any newbie can understand. If we compiled that kind of stuff, maybe the software authors could review it and add it into the documentation.

Again greetings to all KC6VLR John Lakeland

From rwf@mindspring.com Sat Sep 14 11:09:07 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA28090 for <aprssig@tapr.org>; Sat, 14 Sep 1996 11:09:06 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id MAA22842 for <aprssig@tapr.org>; Sat, 14 Sep 1996 12:09:02 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id MAA17465 for <aprssig@tapr.org>; Sat, 14 Sep 1996 12:08:57 -0400
Message-Id: <2.2.32.19960914161215.006e8d74@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 14 Sep 1996 12:12:15 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4720] APRS Mobiles

I don't think Steve slept last night, as he was having BBQ here in Atlanta with me until about 9PM.
Boy, will he be tired! He passes W7LUS-14 on I-75, but LUS didn't realize

it until he got down here.

Yes, mobile, GPS APRS is fun and entertaining while on a car *OR PLANE* trip!

Makes me want to get the mobile HF going next time I take a long drive.
There are a lot of APRS dead areas on VHF!
Memphis TN is an area that is amazingly dead, and so is Missouri, down I-44.
Those KC guys need to get crackin down near Rolla.
, seriously- I am working with a fella on a possible Digi in Rolla.

Ralph

At 09:13 AM 9/14/96 -0500, Larry wrote:
>Last weekend had a quick voice QSO with N4NEQ on his way through and
>today a chat with KO4HD as he rolled west enroute to Seattle.

From lcb911@apex2000.net Sat Sep 14 11:15:57 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA28167 for <aprssig@tapr.org>; Sat, 14
Sep 1996 11:15:50 -0500 (CDT)
Received: from [207.18.66.227] by starone.apex2000.net (NTMail 3.01.03) id
ya040168; Sat, 14 Sep 1996 11:18:12 -0500
Message-Id: <1.5.4.16.19960914111548.302f886e@apex2000.net>
X-Sender: lcb911@apex2000.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: AutoWx
Date: Sat, 14 Sep 1996 11:18:12 -0500

The new version of AutoWx (supporting the new APRS wx beacon format)
has been uploaded to the ftp site.

The file, AW2K40A.ZIP can be found at the tapr/software_lib/upload
directory until it is moved to the tapr/software_lib/weather
directory.

(AutoWx is a dedicated packet/weather program for logging weather values
from Ultimeter home weather stations. It does NOT replace APRS but is used
successfully with APRS in many areas.)

Version 4x does not require a weather station to be attached.

Please direct questions/comments about AutoWx via email to me - not the APRS
SIG.

From dpendry@mail.telis.org Sat Sep 14 11:21:12 1996
Received: from homeroom.telis.org (homeroom.telis.org [204.71.75.151]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA28338 for <aprssig@tapr.org>; Sat, 14 Sep 1996

11:21:10 -0500 (CDT)
Received: from s15-pm02-novat-t.telis.org (s15-pm02-novat-t.telis.org
[206.99.70.74]) by homeroom.telis.org (8.7.5/8.7.3) with SMTP id JAA07327 for
<aprssig@tapr.org>; Sat, 14 Sep 1996 09:18:11 -0700 (PDT)
Date: Sat, 14 Sep 1996 09:18:11 -0700 (PDT)
Message-Id: <2.2.16.19960914160114.1ab77df0@mail.telis.org>
X-Sender: dpendry@mail.telis.org
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Don Pendry <dpendry@mail.telis.org>
Subject: suscribe

suscribe
Amateur Radio Station N6AER
Don Pendry
PO Box 452
Joshua Tree, California 92252
dpendry@telis.org

From ddobbins@juno.com Sat Sep 14 11:50:54 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA29423 for <aprssig@tapr.org>; Sat, 14
Sep 1996 11:50:50 -0500 (CDT)
Received: (from ddobbins@juno.com) by x11.boston.juno.com (queuemail)
     id MAA08336; Sat, 14 Sep 1996 12:48:26 EDT
To: aprssig@tapr.org, kc7lsp@juno.com
Date: Sat, 14 Sep 1996 09:06:33 PDT
Subject: Re: [APRSSIG:4684] Need map in the Boondox
Message-ID: <19960914.094702.4439.1.ddobbins@juno.com>
References: <19960912.193426.4503.1.KC7LSP@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-2,4-5,7,9-10,12-20,22-23,29-30,40-41,46-47,52-53,
     62-63,65-66,70-80
From: ddobbins@juno.com (David S Dobbins)

On Thu, 12 Sep 1996 23:01:01 -0500 (CDT) kc7lsp@juno.com (Kevan J
Coleman) writes:
All - I would like a map of western Washington, other than the BLANK one
that comes with the APRS software. I'd appreciate someone sending some
info via E-Mail in UUENCODE or via AX.25 in 7PLUS format.
>
The problem is that I'm in an APRS-FREE zone and have received nothing at
all.
For your information my coordinates are: 4631.17N / 12255.10W
380ft
>
Also, I have information on two amateur radio repeater sites in SW
Washington:
>
1) Columbia Heights (Longview, WA)   4611.50N /12258.01W
2) Ranier Hill (Rainier, OR)   4603.18N / 12255.06W

>
TNX & 73, Kevan, KC7LSP@WA7SJN.#WWA.WA.USA.NOAM
>
>
Greetings from Dave/WH6YC, Pacific Northwest APRS Coordinator.
I'll take Kevan's request for action, and respond WIDE in case it helps others.

Kevan, actually, there is already an area map which includes the Longview area, it's called the ORNWEST.MAP. Going north along I-5 is the Centralia map. The entire I-5 corridor for the PNW has already been mapped. To get these maps, plus all others in the PACNWEST, send me your mailing address and I'll send you a disk. If you had internet access, you would find these updated monthly on the TAPR APRS FTP site.

As for the "boondox" location, this is how APRS starts out in new areas. One person gets going, talks about it on local repeater, gives away copies on disk, etc. It works, and interest grows. You may already be within ear shot of the Portland APRS digi on 145.75. Note, this freq may be moving to 145.79 soon. Change your path (U key) to NWRA,NWRA,NWRA. If you can hit the first digi (AKA PORT), your signal will get to Spokane (YAKI,SPOK are the other alter-aliases). Lucky you. I can't reach that one myself, yet. I hope to extend the Portland signal to Seattle by placing an APRS digi on Bah Faw Peak (AKA Boistfort Peak) west of Chehalis at 3110 ft.

Want to hear more about APRS? I'll be presenting APRS at the Oct 2nd Chehalis Valley Amateur Radio Society (CVARS) meeting, 7:30 pm, at the Baptist Church in Chehalis.I'll bring latest copy of APRS and PNW maps with me. Talk-in 147.06. I routinely monitor this freq; perhaps you can already hit it.

Also, there will be an APRS seminar at the Digital Committee Conference (DCC), Friday, Sep 20th, 4-7 pm, near SeaTac airport. I'll be there, along with a bunch of other hams interested in APRS. Keith Sproul/WU2Z, author of the Macintosh and co-author of the Windows APRS software, will be presenting.

Next, I recommend you leave your station running APRS whenever you don't need the computer or gear for another purpose. Soon as I get settled, and household goods delivered, my station will be on the air full-time. Additionally I'm putting the two schools I work at (Pe Ell and Boistfort) on the air with weather stations. I also go standalone mobile routinely, and now have a Agrelo Engineering DFjr (THIS IS A WAY COOL PIECE OF EQUIPMENT). If you have HF capability, tune in HF APRS on 10151 LSB. You could even use a SW receiver to process the sigs, if you don't have HF TX capability.

You can email me direct for further assistance, or call me (phone connected 9/16) at 360-291-3707.

Again, send me your address, I'll put disk in mail to you. Welcome to APRS, and don't worry about the loneliness that many of us experienced at

first. If it makes you feel any better, just remember that the Pacific Northwest APRS Coordinator lives within an hour of you.

Aloha, Dave Dobbins/WH6YC
POB 553
404 N. Third St.
Pe Ell, WA 98572-0553
tel: 360-291-3707
pager: 1-800-514-7489
email: ddobbins@juno.com
pony express: Stop 3, Chehalis-Aberdeen leg
Cruise Missile coords: 46.58N, 123.3W

From jleonard@tbcnet.com Sat Sep 14 12:10:08 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA00242 for <aprssig@tapr.org>; Sat, 14 Sep 1996 12:10:02 -0500 (CDT)
Received: from PR149.tbcnet.com (PR149.tbcnet.com [207.112.227.49]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id MAA31555 for <aprssig@tapr.org>; Sat, 14 Sep 1996 12:10:01 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR149.tbcnet.com [207.112.227.49] didn't use HELO protocol
Message-Id: <1.5.4.32.19960914170914.006cdad8@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 14 Sep 1996 12:09:14 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:4719] Help w/DLG (opt.) C-D

Here's what worked for me:

I didn't install anything from the CDRom, I just ran the DLG.bat program on the CD and installed the maps required on my HD.

Make sure you have a directory in your root called DLG. Put only one of the MKMAP*.exe prgms in there and nothing else. I think you can get them from ftp.tapr.org

Put the CD in the drive (assuming it's drive D:)

Go to Start, Run, Browse, go to whatever drive your CDRom is, and pick DLG.bat. Run it.

The biggest problem I had with any DOS based program was when I assumed that I had to go out of 95 and restart in DOS mode. Wrong!

By using Run... or using the Windows Explorer to pick the .exe file in a program that makes the DOS prog. work, then going to Files, Create Shortcut, then starting the DOS prgm from the shortcut, I had a WHOLE lot better luck. There are a few DOS-based prgms (DOOM comes to mind) that I have to modify

the shortcut in "Properties, Program, Advanced, MS-DOS mode", that will restart in DOS mode. But 95 does it all. It works great!

Back to the CD...

Start D:\DLG.bat
Within a few seconds a window (DLG - GS Menu) will appear that will give you several options. Take the 1st one, Extract DLG Data..
you'll see a gridded map of the region covered by the DLG CD Rom.

Chose "View Quad" at the top. Move the mouse to the area and click. A more detailed map will appear.

Select Layers... (be careful! These DLG's have a lot of data usually. I would suggest to chose "Roads" to start with). When you're finished, pick "End Selection".

Next, "Choose 15' Cell", pick a cell, then right click when finished.

Next, "Output". A dialogue box will show up, asking you where you want to send the files from the CD. I use C:\DLG.

Hit enter. The CD will copy the maps to the directory you made. The name will be something like "Ar2rdf06". There will be no extension. Leave it that way.

Now, exit the DLG program, and enter the (thru Explorer) the directory where the DLG maps went.

Start the MKMap program. Each will give you different options, but I would suggest using MK100k2a.exe for starters.

Have nothing but the MK*.exe pgrm and the maps the CD put there in the directory.

The program will ask you things like:
1. What is the path to the map files? press Enter for default (c:\dlg), otherwise enter complete path info.

2. Next, depending on what version of MKMap yr using, it will ask for whether or not the file data is from the CD or Internet (blocked or unblocked). Answer showing that the program has to deal with files from the CD.

3. Enter a filename you want the new map to be called (try TEST). Don't add an extension.

4. Enter the latitude of the center of the map. Two important things here: if the center's lat coordinates are 41 deg 55.31 min, enter "41,55.31" (without quote marks). And the center of the map you're about to make HAS to fall in the DLG maps area. Otherwise, the program will crash.

5. Next do the same with the map center's long.

6. You'll next be asked for a number which will be the radius of the map. Enter something big, like 10 to start with. If you feel brave, enter +10.

7. If the program asks you for a multiple of maps, say you only want 1 to begin with.

8. If the numbers change at the top of the screen, and lines appear, you're making a map. If not, you've done something wrong, and you need to start over.

The program will produce TWO files, Test.map and Test.dat (or .raw).

Use MAPFIX to edit, combine, smooth, trim, scrunch, etc., and then you have a map that can used with APRS and WinAPRS usually.

Put it in it's own directory with MKMAPLST.bas. That will get the center coordinates and range. The new file, MAPCEN.txt, is sometimes found in the DOS directory.

Include the center/range into an existing maplist for the area, putting it in hierarchical (sp?) order, found in c:\aprs\maplists\ .

Put the new map, TEST.map, into c:\aprs\maps\

cross your fingers

For WinAPRS, just put the TEST.map into c:\winaprs\maps\. The 3000 pt limit on APRS maps doesn't apply here. MAPFIX can handle bigger maps than 3000 pts., it's just that APRS won't use them.

gud luck

jbl

At 08:54 9/14/96 -0500, you wrote:
>Hi All,
>
>   Well, I finally GOT the USGS C-D for my area so I can make
>maps. The problem is it won't install!
>
>   The disk is 1:100,000-Scale Digital Line Graph (DLG) Data
>Hydrography and Transportation US GeoData Optional Format dated
>June 1993 for Area 1. The computer is a PC-clone DX2/50 running
>Windows 95 (with the latest updates from Mr. Bill's website.)
>I re-start the computer in MS-DOS mode, then switch to the C-D
>and try to install it. Every time I do so it says it's copying
>the files, then says I've got the incorrect DOS version (or
>words to that effect) after each file has been "copied!" I'm

>stymied! I'm stuck! HEEEEEEEEEEEEEEEEEEEEEEEEEEEEEELP! 73
>
>
>   Arte Booten <N2ZRC@gnn.com>
> (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
> [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]
>
>I am initiating an inverted tachyon pulse to those coordinates now.
>

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
American Red Cross Disaster Services - DeKalb Co Chapter
DR444 DR157

From saltair@hargray.com Sat Sep 14 12:15:06 1996
Received: from fern.hargray.com (fern.hargray.com [205.218.96.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA00501 for <aprssig@tapr.org>; Sat, 14 Sep 1996
12:15:04 -0500 (CDT)
Received: from saltair.hargray.com (ml6.hargray.com [205.218.96.106]) by
fern.hargray.com (8.7.5/8.7) with SMTP id NAA14763 for <aprssig@tapr.org>; Sat, 14
Sep 1996 13:17:28 -0400 (EDT)
Message-ID: <323AE7DC.3B8A@hargray.com>
Date: Sat, 14 Sep 1996 13:14:04 -0400
From: George Salinas <saltair@hargray.com>
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4715] KO4HD visits Atlanta (web address for photos)
References: <2.2.32.19960914025928.006e7e94@mindspring.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

rwf wrote:
>
> Steve, KO4HD stopped by for dinner tonight while on his way to the Digital
> Convention in Seattle. For a couple of pictures of the varmint, cruise by
> the Atlanta APRS Home Page at:
>
> http://www.mindspring.com/~rwf/aprs1.html
>
> 73
>
> Ralph

Hi Ralph,
just saw Steve's mug (KO4HD) in the Atlanta APRS home page.

Keep up the good work. Site looks good.

73, George KD4FJ.

From wa8inz@cris.com Sat Sep 14 12:30:00 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA00979 for <aprssig@tapr.org>; Sat, 14
Sep 1996 12:29:55 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id NAA16108; Sat, 14 Sep 1996 13:29:05 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80258.concentric.net [206.173.113.58])
     by cliff.cris.com (8.7.5)
     id MAA08148; Sat, 14 Sep 1996 12:43:27 -0400 (EDT)
Message-ID: <323AFCB0.3493@cris.com>
Date: Sat, 14 Sep 1996 11:42:56 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4719] Help w/DLG (opt.) C-D
References: <199609141343.JAA18341@mail-e2b-service.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arte Booten wrote:
>
> Hi All,
>
>   Well, I finally GOT the USGS C-D for my area so I can make
> maps. The problem is it won't install!
>
>   The disk is 1:100,000-Scale Digital Line Graph (DLG) Data
> Hydrography and Transportation US GeoData Optional Format dated
> June 1993 for Area 1. The computer is a PC-clone DX2/50 running
> Windows 95 (with the latest updates from Mr. Bill's website.)
> I re-start the computer in MS-DOS mode, then switch to the C-D
> and try to install it. Every time I do so it says it's copying
> the files, then says I've got the incorrect DOS version (or
> words to that effect) after each file has been "copied!" I'm
> stymied! I'm stuck! HEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEELP! 73
>
>   Arte Booten <N2ZRC@gnn.com>
> (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
>   [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]
>
> I am initiating an inverted tachyon pulse to those coordinates now.

Arte why not just install it under DOS, mine runs just fine that way.
I don't know if that software was meant to run under windows!.

--

```
               \////
               (0 0)
          *--o0-(_)-0o--*
          wa8inz@amsat.org
          wa8inz@cris.com
    Check out my A.P.R.S Web Page.
  THANKS TO THOSE MENTOR VOLENTEERS
 Also check out my WA8INZ Home page.

  http://www.concentric.net/~wa8inz
```

From rkramer@vaxxine.com Sat Sep 14 13:03:04 1996
Received: from alpha.vaxxine.com (root@alpha.vaxxine.com [198.53.148.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA02328 for <aprssig@tapr.org>; Sat, 14 Sep 1996 13:03:00 -0500 (CDT)
Received: from slip62.niagara.net by alpha.vaxxine.com; (5.65/1.1.8.2/18Nov94-1210PM)
     id AA25153; Sat, 14 Sep 1996 14:08:59 -0400
From: rkramer@vaxxine.com (Ronald Kramer)
To: aprssig@tapr.org
Subject: My NEW - APRS home page URL
Date: Sat, 14 Sep 1996 19:02:43 GMT
Message-Id: <323a45ec.201904293@vaxxine.com>
References: <Pine.BSF.3.91.960913220155.25853A-100000@laraby.tiac.net>
In-Reply-To: <Pine.BSF.3.91.960913220155.25853A-100000@laraby.tiac.net>
X-Mailer: Forte Agent .99e/32.227

Hi All...
My old ISP has gone under and I have a new
ISP, I have just finished reinstalling my APRS
home page there, the new URL is
http://www.mergetel.com/~rkramer
I try and keep it up to date as soon as I hear
a new version is out.

73 for now de Ron VE3MX

Email: rkramer@mergetel.com
           ve3mx @mergetel.com

Regards, Ron ...   73 de Ron
         Internet: rkramer@vaxxine.com (Ron Kramer)
         Packet: ve3mx@ve3snp.#niag.on.can (sysop VE3SNP BBS)

From sarnold@access-net.com Sat Sep 14 13:21:01 1996
Received: from access-net.com (root@access-net.com [206.240.156.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA03421 for <aprssig@tapr.org>; Sat, 14 Sep 1996 13:20:58 -0500 (CDT)
Received: from dialppp.access-net.com (dialppp.access-net.com [206.240.156.101]) by access-net.com (8.7/8.6.9) with SMTP id NAA03890 for <aprssig@tapr.org>; Sat, 14 Sep 1996 13:22:35 -0500
X-Authentication-Warning: access-net.com: Host dialppp.access-net.com [206.240.156.101] didn't use HELO protocol

Message-ID: <323AB1EA.3FD4@access-net.com>
Date: Sat, 14 Sep 1996 13:23:54 +0000
From: Scott Arnold <sarnold@access-net.com>
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4719] Help w/DLG (opt.) C-D
References: <199609141343.JAA18341@mail-e2b-service.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arte Booten wrote:
>
> Hi All,
>
>   Well, I finally GOT the USGS C-D for my area so I can make
> maps. The problem is it won't install!
>
>   The disk is 1:100,000-Scale Digital Line Graph (DLG) Data
> Hydrography and Transportation US GeoData Optional Format dated
> June 1993 for Area 1. The computer is a PC-clone DX2/50 running
> Windows 95 (with the latest updates from Mr. Bill's website.)
> I re-start the computer in MS-DOS mode, then switch to the C-D
> and try to install it. Every time I do so it says it's copying
> the files, then says I've got the incorrect DOS version (or
> words to that effect) after each file has been "copied!" I'm
> stymied! I'm stuck! HEEEEEEEEEEEEEEEEEEEEEEEEEEEEEELP! 73
>
>   Arte Booten <N2ZRC@gnn.com>
> (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
>   [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]
>
> I am initiating an inverted tachyon pulse to those coordinates now.

Arte, try looking at the ver of dos that your running. Type ver(return)
then look at the ver# of dos in your io.sys file in the root directory.
some times a new version of dos comes out and it gets loaded to the hard
drive w/out updating the *.sys files.If that is the case you can go to
your sub-directory that dos is in and type "sys c:\"(return) and it
should update your sys files. Or you may need to go back to your
original disk and type "sys a: c:\"(return). I've seen problems like
this after uploading new DOS ver's. Hope this helps.
--
Scott Arnold
Southern Communications Advanced Technology
48 Lott Purvis Road
Hattiesburg, Mississippi 39401
601-582-0730 Voice
601-582-1333 Fax
601-271-4462 Pager
mailto:sarnold@access-net.com

From kb8ast@rush.MWWEB.COM Sat Sep 14 16:45:18 1996

Received: from mwweb.com (LanMan_@RUSH.MWWEB.COM [207.50.157.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA09044 for <aprssig@tapr.org>; Sat, 14 Sep 1996
16:45:14 -0500 (CDT)
Received: by mwweb.com from localhost
    (router,SLmailNT V2.0); Sat, 14 Sep 1996 17:48:09 Eastern Daylight Time
Received: by mwweb.com from kb8ast.mwweb.com
    (207.50.157.64::mail daemon; unverified,SLmailNT V2.0); Sat, 14 Sep 1996
17:48:07 Eastern Daylight Time
Message-ID: <MAPI.Id.0016.006238617374202030303036303036@MAPI.to.RFC822>
Read-Receipt-To: Bob Merchant <kb8ast@mwweb.com>
Priority: Normal
To: aprssig@tapr.org
MIME-Version: 1.0
From: "KB8AST" <kb8ast@rush.MWWEB.COM>
Subject: Motionless "Hurricanes"..
Date: Sat, 14 Sep 96 17:43:40 PDT
Content-Type: text/plain; charset=US-ASCII; X-MAPIextension=".TXT"
Content-Transfer-Encoding: quoted-printable

   In the last couple of weeks, we have had probably 3 (or more) of
these nasty little storms batter the eastern seaboard of the United
States. I don't think I ever saw one of them move on my display. For
some reason, NE Ohio is not in a good location to pickup the info
being sent into the ether by the National Hurricane Center's amateur
relay station...because I still was showing Edwardo off the coastline.

   I know at least one of these drenchers passed through NE Ohio
the weekend of 6/7 of September, and it dumped some hugh amounts
of water into my basement. Is there some way we can get heading
and groundspeed inserted into the beacons? I would also like to suggest =
to get the maximum amount of coverage, that the digipeater
list include a WIDE between the two GATE's I am seeing. For storms
of this inportance, I don't think GATE,WIDE,GATE would cause too
much harm to the network. The idea being it would allow more stations
to see the storm activity and perhaps provide better coverage to the
area directly concerned.

   Another problem I am noticing, the names of the storms are being
modified and I end up with 2 or 3 plots of the same storm. The first
letter will be capitalized and the rest all lower case, or there will be =
a
suffix added, or the name will be abbreviated, or the name will be
either all capitals or all lowercase.

   The floor is now open for discussion...

                GRIDSQ   --- EN91kr

May you have the pleasure of participating in a challenging existance..
73 from G. R. (Bob) Merchant in Perry Twp, Lake County, Ohio

        Packet   --- kb8ast.#neoh.oh.usa.na
        ampr.org --- kb8ast@geaugasw.ampr.org

TCP/IP --- kb8ast.ampr.org [44.70.248.17]
neswch.ampr.org [44.70.248.18]
INTERNET --- hi010@cleveland.freenet.edu
KB8AST@www.mwweb.com
PUBLIC ACCESS LANDLINK --- 216-259-5612

From sdimse@bridge.net Sat Sep 14 17:36:42 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA10340 for <aprssig@tapr.org>; Sat, 14 Sep 1996 17:36:38 -0500 (CDT)
Received: from (hd55-048.compuserve.com [199.174.240.48]) by bridge.net (8.7.5/8.7.3) with SMTP id SAA14249 for <aprssig@tapr.org>; Sat, 14 Sep 1996 18:33:32 -0400 (EDT)
Message-Id: <199609142233.SAA14249@bridge.net>
Subject: Re: [APRSSIG:4723] Re: APRS Mobiles
Date: Sat, 14 Sep 96 18:36:31 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>I don't think Steve slept last night, as he was having BBQ here in Atlanta
>with me until about 9PM.
>Boy, will he be tired! He passes W7LUS-14 on I-75, but LUS didn't realize
>it until he got down here.
>
He IS tired,but he slept from 10 till 2, woke up from the cold...too long in the tropics. Headed out and saw LUS pass about 2:30...no way to get his attention though. Drove straight through to Kansas City, met with Jim, KU0G for a bit, and continued on to Omaha. I'm looking forward to tomorrow, ham radio gets second billing, sightseeing is number 1.

>Yes, mobile, GPS APRS is fun and entertaining while on a car *OR PLANE* trip!
>
I'll post some detailed comments when I get a chance, but truer words were never spoken on this sig.

Steve

From jclakeland@ucdavis.edu Sat Sep 14 19:51:13 1996
Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA13904 for <aprssig@tapr.org>; Sat, 14 Sep 1996 19:51:11 -0500 (CDT)
Received: from DialupEudora by franc.ucdavis.edu (8.7.5/UCD3.5.8)
id RAA09895; Sat, 14 Sep 1996 17:51:07 -0700 (PDT)
Message-Id: <199609150051.RAA09895@franc.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Sat, 14 Sep 1996 17:52:42 -0800
To: aprssig@tapr.org
From: jclakeland@ucdavis.edu (John Lakeland)
Subject: wish list

Hi all,
    OK here's my wish list (the short version). I would like to see a small program which might be called "APRSrecorder" which can run under Macintosh System 6.0.7, and which interfaces with my TNC (and radio, maybe receive only) and which simply records what it hears. Then when I start up MacAPRS I can read the "recorded" data and I haven't missed anything. I want this so I can use my old Mac SE with two floppy drives and no hard disk to run 24 hrs, thereby saving my better machine from excessive operating hours and making it available for other work without going off the air.
    Also, I'd like a "box" which can plug into a serial port and talk to MacAPRS that I can hook up analog instruments to for reporting whatever, weather, radioactivity level, earthquake data, you get the idea (I hope). I can build circuitry to give an analog voltage for about anything, but getting it into the machine is beyond me. I'd be entirely willing to build such a box if I knew how.

73 KC6VLR John Lakeland

From paulc@easy1.mediacity.com Sat Sep 14 19:59:48 1996
Received: from MediaCity.com (root@easy1.mediacity.com [205.216.172.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA14042 for <aprssig@tapr.org>; Sat, 14 Sep 1996 19:59:46 -0500 (CDT)
Received: from localhost (paulc@localhost) by MediaCity.com (8.6.11/8.6.9) with SMTP id RAA11758 for <aprssig@tapr.org>; Sat, 14 Sep 1996 17:56:28 -0700
Date: Sat, 14 Sep 1996 17:56:27 -0700 (PDT)
From: Paul Christenson <paulc@easy1.mediacity.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4717] Clock speed up
In-Reply-To: <199609141249.IAA01575@gold.interlog.com>
Message-ID: <Pine.BSI.3.94.960914174635.11071A-100000@easy1.mediacity.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 14 Sep 1996, Mike Walker wrote:

> Has anyone seen this problem

> I first noticed this during the meteor scatter, when I couldn't keep the clock
> running on time.

> I gain several 10's of minutes a day when using aprs.

> I then loaded the Pete Bros wx capture program and left it running for a
> week. The time is perfect.

I noticed a similar effect several years ago when I was running one of the

KA9q NOS derivatives to sponge news from an nntp server. The machine ran 24/7, and I noticed that the time crept nearly an hour a week.

The machine was running PC-DOS 6, which had a driver available to periodically reset the DOS clock from the CMOS clock. This solved (or at least mitigated) the problem.

I don't know if M$-DOS has a similar utility or not.

From paulc@easy1.mediacity.com Sat Sep 14 22:26:53 1996
Received: from MediaCity.com (root@easy1.mediacity.com [205.216.172.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA18081 for <aprssig@tapr.org>; Sat, 14 Sep 1996 22:26:51 -0500 (CDT)
Received: from localhost (paulc@localhost) by MediaCity.com (8.6.11/8.6.9) with SMTP id UAA15259 for <aprssig@tapr.org>; Sat, 14 Sep 1996 20:23:32 -0700
Date: Sat, 14 Sep 1996 20:23:32 -0700 (PDT)
From: Paul Christenson <paulc@easy1.mediacity.com>
To: aprssig@tapr.org
Subject: No. CA APRS activity
In-Reply-To: <199609150051.RAA09895@franc.ucdavis.edu>
Message-ID: <Pine.BSI.3.94.960914202104.15177A-100000@easy1.mediacity.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is there any activity in the South SF Bay (Silicon Valley) area? If so, what frequency is in use?

de N3EOP/6

From barrettd@crpl.cedar-rapids.lib.ia.us Sat Sep 14 22:29:04 1996
Received: from CRPL.CEDAR-RAPIDS.LIB.IA.US (crpl.cedar-rapids.lib.ia.us [198.134.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA18111 for <aprssig@tapr.org>; Sat, 14 Sep 1996 22:29:00 -0500 (CDT)
Message-Id: <199609150329.WAA18111@tapr.org>
Received: from ppp-121.cedar-rapids.lib.ia.us by CRPL.CEDAR-RAPIDS.LIB.IA.US with SMTP;
          Sat, 14 Sep 1996 22:27:50 -0500 (CDT)
X-Sender: barrettd@crpl.cedar-rapids.lib.ia.us
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 14 Sep 1996 22:29:28 -0500
To: aprssig@tapr.org
From: David Barrett <barrettd@crpl.cedar-rapids.lib.ia.us>
Subject: GPS Chip Article

Came across this on the net and thought I'd pass it along:

Global Positional System (GPS) technology, which has long been restricted to military and automotive navigation applications, is quickly heading toward consumer electronics and computer-based applications.

The Sunnyvale, California-based start-up SiRF Technology is positioning its SiRFstar architecture, which consists of a $49.95 chip set with software, as an inexpensive way for designers to deploy GPS in portable computers, cellular phones, and hand-held devices. Although SiRF's is not the first GPS architecture to target consumers--several devices were shown at a recent consumer electronics show--the company is betting that a low price will attract more portable PC manufacturers to GPS solutions.

Originally developed by the U.S. Department of Defense, GPS receivers accept spread-spectrum signals at 1.6 GHz from satellites, which in turn pinpoint the location of the GPS receiver and plot its location via mapping software. Will Strauss, president of the market-research firm Forward Concepts, forecasts a $10 billion market for GPS receivers by the year 2000.

"So far, though," says Strauss, "the receivers have been far too expensive for consumer applications." GPS solutions have also been compromised by inaccuracies caused by signal deflection off buildings and other structures.

SiRF's chip set, designed to detect these inaccuracies, consists of a receiver chip that converts a satellite's spread-spectrum signal into digital inputs for a
companion digital processor chip.

"Among general consumer applications," says SiRF chairman Dado Banatao, "you'll be able use this technology to locate a lost child, find a car in a crowded
parking lot, or dial 911 from a cell phone, knowing that an operator can locate you."

The market on which Banatao says he's especially focused is the portable PC market. But portable PC makers have been slow to adopt GPS. So far, Mitac is the only manufacturer to support the SiRF architecture.

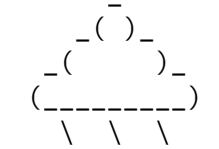
Part of the problem of gaining GPS acceptance in the PC space has come from the lack of standardized digital mapping to serve as a platform for GPS applications. SiRF's software is positioned as such a platform, and its technology is extensible, so applications built around it can eventually incorporate--say--Multiple Listing Service references for real-estate firms.

SiRF officials said they hope to announce software developers and portable PC makers that support its GPS chip set this fall.--Sebastian Rupley

---

David E. Barrett
barrettd@crpl.cedar-rapids.lib.ia.us

If I can't give you a good sound reason
I'll give you a reason that sounds good



\ \

From rwf@mindspring.com Sat Sep 14 23:09:38 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA19282 for <aprssig@tapr.org>; Sat, 14 Sep 1996 23:09:35 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id AAA08120 for <aprssig@tapr.org>; Sun, 15 Sep 1996 00:09:33 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id AAA22488 for <aprssig@tapr.org>; Sun, 15 Sep 1996 00:09:30 -0400
Message-Id: <2.2.32.19960915041251.006c7d90@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 15 Sep 1996 00:12:51 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Comin' to Southern California

I'll be heading to SOCAL next month for a business conference. Arrival date is Saturday October 5th at about noon. I am supposed to head back to Atlanta on Friday morning the 11th.

I *may* stay a few days extra (if I fly the family out) and travel up as far as the LA/San Bern/Valencia area. (I have a friend who lives on the Mtn at Crestline)

What kind of activity on APRS can I expect, and on what frequency. Should I bother to bring it? If you have any info, or want to schedule an eyeball or other get together, please respond.

Thanks

Ralph Fowler, N4NEQ S.E.R.A. ATV Technical Advisor
rwf@mindspring.com
Atlanta, GA USA
Web: http://www.mindspring.com/~rwf for APRS, ATV, Balloon, and Ham info
My hobby is tracking Vehicles and other things using Ham Radio and APRS. Ask me how!

From jdvh@jdvh.com Sat Sep 14 23:19:19 1996
Received: from onramp.i95.net (root@onramp.i95.net [205.177.132.17]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA19762 for <aprssig@tapr.org>; Sat, 14 Sep 1996 23:19:16 -0500 (CDT)
Received: from me.xxx.com (vh-t3-home.jdvh.com [205.177.164.129]) by

onramp.i95.net (8.7.5/8.7.5) with SMTP id AAA12367 for <aprssig@tapr.org>; Sun, 15 Sep 1996 00:19:11 -0400 (EDT)
Date: Sun, 15 Sep 1996 00:19:11 -0400 (EDT)
Message-Id: <199609150419.AAA12367@onramp.i95.net>
X-Sender: jdvh@i95.net
X-Mailer: Windows Eudora Pro Version 2.1.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Van Houten <jdvh@jdvh.com>
Subject: Washington State!

Just wondering are there any APRS users here that are in western Washington?
Please respond via e-mail..

Thanks

73's de KA3TTU

Jim

Bowie, MD soon Western Washington, I think!

James Van Houten jdvh@jdvh.com http://www.i95.net/~jdvh

From wa8inz@cris.com Sun Sep 15 04:22:46 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id EAA01963 for <aprssig@tapr.org>; Sun, 15 Sep 1996 04:22:44 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id FAA29997; Sun, 15 Sep 1996 05:21:56 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc803202.concentric.net [206.173.114.202])
     by cliff.cris.com (8.7.5)
     id FAA09012; Sun, 15 Sep 1996 05:22:40 -0400 (EDT)
Message-ID: <323BE6FC.1A62@cris.com>
Date: Sun, 15 Sep 1996 04:22:36 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Mentor Page
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well the Mentor page now has 29 calls on it, so it's growing. Just wanted
to let the group know that i have posted many nmessages on the Sig and
some agree with me and some disagree (And some even are outright nasty),

so haven't you ever wondered what does this old fart look like that
writes some of these contravercial messages, well now you can see because
i have posted a picture of myself on the opening menu screen of the
my dedicated APRS webpage. By the way could use some more Mentors, like
to see one for every state that has APRS users. Guys i'm sure you have
needed help at one time or another, so help someone else if needed.
And by the way flames are welcome, i have learned to deal with them Hi.
--


```
               \////
               (0 0)
          *--o0-(_)-0o--*
          wa8inz@amsat.org
          wa8inz@cris.com
     Check out my A.P.R.S Web Page.
   THANKS TO THOSE MENTOR VOLENTEERS
  Also check out my WA8INZ Home page.

   http://www.concentric.net/~wa8inz
```


From rwf@mindspring.com Sun Sep 15 07:28:34 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA04314 for <aprssig@tapr.org>; Sun,
15 Sep 1996 07:28:32 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id IAA19270 for
<aprssig@tapr.org>; Sun, 15 Sep 1996 08:28:30 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id IAA02331 for
<aprssig@tapr.org>; Sun, 15 Sep 1996 08:28:27 -0400
Message-Id: <2.2.32.19960915123146.006d94d0@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 15 Sep 1996 08:31:46 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Comin' to Southern Cal (more)

Sorry for the additional message, but I left out an important part: I will
be arriving in San Diego on the 5th, then staying 5 days and either going
home or th the LA area.Thanks, Ken for pointing that out.

Ralph

From jagrelo@concentric.net Sun Sep 15 08:38:19 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA05500 for <aprssig@tapr.org>; Sun, 15
Sep 1996 08:37:41 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])

```
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id JAA10297; Sun, 15 Sep 1996 09:36:45 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@concentric.net>
Received: from crc3.pop3.net (cnc059052.concentric.net [206.83.77.52])
     by cliff.cris.com (8.7.5)
     id JAA26394; Sun, 15 Sep 1996 09:37:28 -0400 (EDT)
Message-ID: <323C31F2.53E5@concentric.net>
Date: Sun, 15 Sep 1996 09:42:26 -0700
From: Joe Agrelo <jagrelo@concentric.net>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Tracker symbol!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

I have a stand alone tracker in my truck using a Paccomm Handi Packet,
and I show up on the map as an Ambulance, how can I change this to a
truck. Do I need to connect to the TNC via a PC and set the object
parameters to a truck somewhere in the TNC? or what?

Thanks!

73 De Joe N2OOC (new address & phone effective 8/15)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            Agrelo Engineering
         Joe Agrelo/President
    P.O.Box 231 Pattersonville, NY 12137 USA
           ph (518)864-7551 effective 8/15
          fax (518)864-7553  "   "
     mailto:Jagrelo@cris.com
  WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
     based Doppler, talking products and RF.
   Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From kb6owl@n0ary.#nocal.ca.usa.noam Sun Sep 15 09:15:43 1996
Received: from vhf.n2njh-5.ampr.org (hamgate.sunyerie.edu [192.188.232.10]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA06247 for <aprssig@tapr.org>; Sun, 15
Sep 1996 09:14:52 -0500 (CDT)
Received: from vhf.n2njh-5.ampr.org by vhf.n2njh-5.ampr.org (TNOS2.10/U) with SMTP
     id AA142003 ; Sun, 15 Sep 96 10:03:37 -0400
X-BBS-Msg-Type: B
Date: 15 Sep 96 03:41:00
Message-Id: <12758_N0ARY@kd4idr.bbs>
Sender: kb6owl@n0ary.#nocal.ca.usa.noam
From: kb6owl@n0ary.#nocal.ca.usa.noam
To: aprs@allus
```

Subject: INFO / HELP WITH APRS

R:960915/0455z @:KD4IDR.#ENG.FL.USA.NOAM Englewood, FL Z:34224 $:12758_N0ARY
R:960915/0435Z @:WB0TAX.#SHRV.LA.USA.NOAM #:45445 $:12758_N0ARY
R:960915/0404Z @:KA6EYH.#NOCAL.CA.USA.NOAM #:748 [Pacifica] $:12758_N0ARY
R:960915/0446z @:W6YX.#NOCAL.CA.USA.NOAM Stanford #:106538 Z:94305 $:12758_N0ARY
R:960915/0341 @:N0ARY.#NOCAL.CA.USA.NOAM #:12758 Sunnyvale, CA $12758_N0ARY

THANK YOU FOR READING THIS REQUEST FOR INFORMATION

I am new to APRS (i.e. don't know a thing about it)
Can someone help me to understand how it works and what
I need to operate? I currently am using a terminal program
on an Apple IIgs computer. Will this work?

Any help and guidance will be greatly appreciated.

Best Regards de Tom (KB6OWL) in San Jose, CA
sk

KB6OWL@N0ARY.#NOCAL.CA.USA.NOAM
t_majews@kla.com
73

From carlt@icanect.net Sun Sep 15 09:17:51 1996
Received: from foo.icanect.net (root@foo.icanect.net [205.161.216.72]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA06278 for <aprssig@tapr.org>; Sun, 15 Sep 1996
09:17:50 -0500 (CDT)
Received: from Carl (ascend01-62.icanect.net [206.142.161.62]) by foo.icanect.net
(8.7.5/8.7.5) with SMTP id KAA16188 for <aprssig@tapr.org>; Sun, 15 Sep 1996
10:17:44 -0400 (EDT)
Message-Id: <199609151417.KAA16188@foo.icanect.net>
X-Sender: carlt@mail.icanect.net
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 15 Sep 1996 10:17:28 -0400
To: aprssig@tapr.org
From: carlt@icanect.net (carl taylor)
Subject: Compaq Lap Top Information

 I read in the READ.ME file of APRS that Compaq Lap Tops that have the new
UART Chip may require a change to the Com FIFO 1 turned off. This setting I
believe is in the CMOS.

The Compaq must use some type of proprietary keyboard command in order to
get in to the CMOS. The conventional DEL during boot is not working?

Can anyone offer any suggestions? We are very close to testing out a new hardware device with APRS that will allow it to work with 1 com port.

73, Carl W9GZU

From KG5QD@aol.com Sun Sep 15 09:36:46 1996
Received: from emout12.mail.aol.com (emout12.mx.aol.com [198.81.11.38]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA06751 for <aprssig@tapr.org>; Sun, 15 Sep 1996 09:36:44 -0500 (CDT)
From: KG5QD@aol.com
Received: by emout12.mail.aol.com (8.6.12/8.6.12) id KAA09419 for aprssig@tapr.org; Sun, 15 Sep 1996 10:36:13 -0400
Date: Sun, 15 Sep 1996 10:36:13 -0400
Message-ID: <960915103613_102346713@emout12.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4732] Motionless "Hurricanes"..

The whole problem of the names of Tropical Cyclone object names has to be addressed this winter- maybe during the Miami Hamfest-
  I believe that the Hams at the Hurricane Center are more worried about getting
information than putting it out (I agree with this) but by next season my software
should be completely debugged and ready to more over there.
I have software in Beta test to parse the positions automatically with the ability
to output on 16 seperate paths/freqs. There has been some flack from central
 Florida about the format of the positions and the Bulletins but I am more worried
about the system right now than the bells and whistles. I think I could also add the
ability to parse a .BK file directly and put it on the internet server at the NHC.
Ken Swaggart has written a program that is available at the TAPR FTP site (in the Weather section) that does it that way but his format and mine are somewhat different regarding the names.
When the system works it is sweet- just do a screen refresh to erase the old plots
and plot only the latest- all the objects for a storm have the same name from update to update so no confusion about what plot is the latest info.
73 de Dale Kg5qd

From w7lus@juno.com Sun Sep 15 10:30:02 1996
Received: from r1.boston.juno.com ([205.231.100.241]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA08502 for <aprssig@tapr.org>; Sun, 15 Sep 1996 10:30:00 -0500 (CDT)
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25])
 by r1.boston.juno.com (8.6.13/8.7.Alpha.4/1.34.kim) with ESMTP id IAA19672
 for <aprssig@tapr.org>; Sun, 15 Sep 1996 08:20:26 -0400
Received: (from w7lus@juno.com) by x9.boston.juno.com (queuemail)
     id IAA25194; Sun, 15 Sep 1996 08:19:06 EDT

To: aprssig@tapr.org
Cc: aprssig@tapr.org
Subject: Re: [APRSSIG:4736] No. CA APRS activity
Message-ID: <19960915.082345.7438.0.w7lus@juno.com>
References: <Pine.BSI.3.94.960914202104.15177A-100000@easy1.mediacity.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-2,5-8,10-18
From: w7lus@juno.com (Peter A Gross)
Date: Sun, 15 Sep 1996 08:19:06 EDT

I just sent a msg to the sig abt the area of your concern. And had also
realized I forgot to mention that they are on 145.01.

I think that all networks that are not on the recognized standard freq of
145.79 ought to inform the software authors to create a text file with
that info.

73 Peter w7lus@juno.com

On Sat, 14 Sep 1996 22:36:23 -0500 (CDT) Paul Christenson
<paulc@easy1.mediacity.com> writes:
>Is there any activity in the South SF Bay (Silicon Valley) area? If
>so,
>what frequency is in use?
>
>de N3EOP/6
>
>
>

From KSwaggart@aol.com Sun Sep 15 10:55:38 1996
Received: from emout03.mail.aol.com (emout03.mx.aol.com [198.81.11.94]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA09434 for <aprssig@tapr.org>; Sun, 15
Sep 1996 10:55:36 -0500 (CDT)
From: KSwaggart@aol.com
Received: by emout03.mail.aol.com (8.6.12/8.6.12) id LAA14607 for
aprssig@tapr.org; Sun, 15 Sep 1996 11:55:06 -0400
Date: Sun, 15 Sep 1996 11:55:06 -0400
Message-ID: <960915115505_522999147@emout03.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4736] No. CA APRS activity

The coordinated Northern Calif APRS freq is 145.01. Hope to see you on!
There is a new northern Calif map file at tapr.org - NOCAL01.zip in the
uploads directory.
Send me a note if you need any more info.

73, Ken, W7KKE, Foster City, CA
kswaggart@aol.com

From JOHN.LANGTRY@resonet.com Sun Sep 15 11:16:02 1996
Received: from gw.resonet.com (resonet.com [199.243.226.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA09759 for <aprssig@tapr.org>; Sun, 15 Sep 1996

11:15:55 -0500 (CDT)
From: JOHN.LANGTRY@resonet.com
Received: by gw.resonet.com (5.65v3.2/DEC-Ultrix/4.3)
     id AA07407; Sun, 15 Sep 1996 11:28:30 -0400
X400-Received: by mta MTA-1 in /PRMD=RESONET/ADMD=TELECOM.CANADA/C=CA/;
     Relayed; 15 Sep 1996 15:28:29 +0000
X400-Received: by mta "a1.in1" in /ADMD=TELECOM.CANADA/C=CA/;
     converted (IA5-Text);
     Relayed; 15 Sep 1996 15:31:49 +0000
X400-Received: by /ADMD=TELECOM.CANADA/C=CA/;
     converted (IA5-Text);
     Relayed; 15 Sep 1996 15:22:00 +0000
Date: 15 Sep 1996 15:22:00 +0000
X400-Originator: /PN=JOHN.LANGTRY/DD.ID=JOHN.LANGTRY/O=SCNM/ADMD=TELECOM.CANADA/
C=CA/@resonet.com
X400-Mts-Identifier: [/ADMD=TELECOM.CANADA/C=CA/;KNGA-2965-1900]
To: aprssig@tapr.org
Subject: Aliases
Importance: normal
Autoforwarded: FALSE
Message-Id: <"KNGA-2965-1900*/O=ENVOY
 100/ADMD=TELECOM.CANADA/C=CA/"@MHS>
X400-Content-Type: P2-1984 (2)
Priority: normal

Greetings all APRS users !

There have been several messages on the sig which touch on
the above topic.

Did I miss something recently ? In the past the alias for
general repeat on H.F. was ECHO, whilst on V.H.F. it is
RELAY.

Needless to say, with the limited bandwidth on 30 Metres,
the use of ECHO at the beginning of a path, should be used
only in the most dire circumstances.

Another disaster waiting to happen can be found with the
suggestion to use "GATE,WIDE,GATE" in another sig. Why a
disaster ? Let's look at the Toronto, Ontario area as an
example.

Using that path, and assuming that my station heard your
frame, the first GATE would trip my station and shove your
frame out on the 2 Metre side. The WIDE would then trip the
four VHF APRS digipeaters that I can work directly from my
QTH. Each one of those four digipeaters would, in turn,
repeat that frame back, and the final GATE, would again trip
my station. Result, I would send back into the HF side 4
identical frames ! (Multiply this by all the other GATEs in
other cities in N.A. which can also hit one or more WIDEs on
the VHF side; and the one frame you send, will neatly clog

the HF side.

Okay, having said all of that, I think someone out there
with some time, should write a refresher on how Level 2 or
unconnected packet works and the significance of what we put
into our paths.

Meanwhile, in the interests of growing the interest in APRS,
could I again ask all those who operate stations on HF to
use GATE,WIDE as your default path ? This way, you'll trip
the various GATEs and be seen one APRS digipeater out from
the GATE's QTH.

Comments are always appreciated; Oh, and as an old BBS sysop
and a biker, I have a rather thick hide (head, too) so
flames are also welcomed, hi !

vy 73 de John VE3NEC.

From jkeck@smartlink.net Sun Sep 15 11:44:35 1996
Received: from warp10.smartlink.net (smartlink.net [204.118.4.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA10449 for <aprssig@tapr.org>; Sun, 15 Sep 1996
11:44:32 -0500 (CDT)
Received: from smartlink.smartlink.net by warp10.smartlink.net(8.6.12/
SMARTLINK-1.0) with id JAA09573 SMTP
       for <aprssig@tapr.org> on Sun, 15 Sep 1996 09:46:47 -0700
Message-Id: <2.2.32.19960915164444.0069d0bc@smartlink.net>
X-Sender: jkeck@smartlink.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 15 Sep 1996 09:44:44 -0700
To: aprssig@tapr.org
From: james keck <jkeck@smartlink.net>
Subject: Re: [APRSSIG:4738] Comin' to Southern California

  Ralph,

At 11:15 PM 9/14/96 -0500, you wrote:
>I'll be heading to SOCAL next month for a business conference. Arrival
>date is Saturday October 5th at about noon. I am supposed to head back to
>Atlanta on Friday morning the 11th.

    I am in the Valencia area, however, I will be leaving for Hawaii
 on the morning 5 October and returning after you are back in Alanta.

>I *may* stay a few days extra (if I fly the family out) and travel up as far
>as the LA/San Bern/Valencia area. (I have a friend who lives on the Mtn at
>Crestline)

     I assume that you will be in the San Diego area, since you indicate you
 may travel up as far as LA. You will find some activity on 145.790,
 although probably not early the quantity that you have in Alanta, based

on what I have seen on the Java pages of the internet.

>My hobby is tracking Vehicles and other things using Ham Radio and APRS. Ask
>me how!

If you are familiar with this area (Valencia), you know of the mountain range between this valley and the San Fernando Valley and another range to the south also. This makes it quite difficult for our group to see anything in the Orange County and San Diego areas.
We have also been plagued with getting 145.790 offically recognized as the APRS Frequency, however, who hasn't.

I doubt if anyone would notice you driving around in the Valencia area in a vehicle. There are about 12 of us registered with APRS but only 3 or 4 who are working it regularily.

If you ever get the opportunity to be in CA and the Valencia area on the third Wednesday of a month, you would be very welcome to attend our club meeting. Our Web Page is at www.smartlink.net/~scarc and you will find me listed as the webmaster.

Have fun in SOCA, sorry to miss you.

73, Jim

From rsellers@firecraker.com Sun Sep 15 11:45:41 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA10496 for <aprssig@tapr.org>; Sun, 15 Sep 1996 11:45:33 -0500 (CDT)
Date: Sun, 15 Sep 1996 11:45:33 -0500 (CDT)
Message-Id: <199609151645.LAA10496@tapr.org>
X-ROUTED: Sun, 15 Sep 1996 11:45:40 -0500
Received: from RSELLERS [199.190.124.22] by rockford.com with smtp
id ALCNAMCC ; Sun, 15 Sep 1996 11:45:12 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4716] Re: oops!

>
>Is there e-mail software out there that won't let you CLEAR, DELETE, KILL
>or otherwise STOP a message you have just written before you send it? I
>have been seeing a lot of mis-addressed messages to the SIG that end up
>"Oops" toward the end.
>
Try writing the messages off-line. They then wait in the que for you to dial in and run the mail program. Till you actually dial up the service, you can retreive them, change, or delete them. Also saves $$ to Ma Bell.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From AC6JA@aol.com Sun Sep 15 11:58:54 1996
Received: from emout04.mail.aol.com (emout04.mx.aol.com [198.81.11.95]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA10893 for <aprssig@tapr.org>; Sun, 15 Sep 1996 11:58:53 -0500 (CDT)
From: AC6JA@aol.com
Received: by emout04.mail.aol.com (8.6.12/8.6.12) id MAA17178 for aprssig@tapr.org; Sun, 15 Sep 1996 12:58:21 -0400
Date: Sun, 15 Sep 1996 12:58:21 -0400
Message-ID: <960915125820_523027616@emout04.mail.aol.com>
To: aprssig@tapr.org
Subject: FS>PacComm HandiPacket & KPC-9612

Hello to everyone on the SIG!
I have for sale a PacComm HandiPacket TNC with three cables, one of which is wired for the standard pinouts for alinco, radio shack, etc handitalkies and two additional unterminated cables for your own customized uses. This is a small, rugged, portable tnc with internal rechargeable battery pack that supports GPS!
This is the same TNC as is used in the MIR Space Station.
Price Paid New - $229.00 Asking $160.00 OBO

I also have for sale the Kantronics KPC-9612 1200/9600 Dual Port, Dual Speed Tnc.
Price Paid New - $199.95 Asking $140.00 OBO

Both TNC's come with original boxes, manuals, cables, etc. Prices will include shipping!

Interested parties can contact me via e-mail at AC6JA@AOL.COM or directly via phone at (415) 573-7720.

Thanks!

Mike AC6JA

From RGervenack@aol.com Sun Sep 15 12:28:33 1996
Received: from emout09.mail.aol.com (emout09.mx.aol.com [198.81.11.24]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA11713 for <aprssig@tapr.org>; Sun, 15 Sep 1996 12:28:31 -0500 (CDT)
From: RGervenack@aol.com
Received: by emout09.mail.aol.com (8.6.12/8.6.12) id NAA02453 for aprssig@tapr.org; Sun, 15 Sep 1996 13:27:59 -0400
Date: Sun, 15 Sep 1996 13:27:59 -0400
Message-ID: <960915132757_479164939@emout09.mail.aol.com>

To: aprssig@tapr.org
Subject: Re: [APRSSIG:4739] Washington State!

There sure is. A couple new ones ever month, usually 145.79.
There are 0ver 20 stations on my list.
I am not on 30 meters right now - computer problem.
Give us a shout on 2 meters and or land line i 206-788-1497.
73 Gervie, W7FEN.

From kc5ejk@onramp.net Sun Sep 15 12:50:30 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA12508 for <aprssig@tapr.org>; Sun, 15 Sep 1996 12:50:25 -0500 (CDT)
Received: from [199.1.11.138] (dal30.onramp.net [199.1.11.130]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id MAA24251; Sun, 15 Sep 1996 12:50:19 -0500 (CDT)
Message-Id: <v02140b01ae61ffa38f0a@[199.1.11.138]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 15 Sep 1996 12:50:43 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:4742] Tracker symbol!
Cc: jagrelo@concentric.net

>Hi All,
>
>I have a stand alone tracker in my truck using a Paccomm Handi Packet,
>and I show up on the map as an Ambulance, how can I change this to a
>truck. Do I need to connect to the TNC via a PC and set the object
>parameters to a truck somewhere in the TNC? or what?

You must be using a SSID of -1
a SSID of -14 or -15 is a truck and -9 is a car

That is the quick and easy way to do it.
Bob has a list somewhere in the doc files of another way.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From davew@cruzio.com Sun Sep 15 13:04:44 1996
Received: from cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA13245 for <aprssig@tapr.org>; Sun, 15 Sep 1996 13:04:42 -0500 (CDT)
Date: Sun, 15 Sep 1996 13:04:42 -0500 (CDT)
Received: from pine222.cruzio.com by cruzio.com id aa02853; 15 Sep 96 10:59 PDT
X-Sender: davew@mail.cruzio.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: David Wells <davew@cruzio.com>
Subject: Re: [APRSSIG:4736] No. CA APRS activity
Message-ID: <9609151059.aa02853@cruzio.com>

At 10:36 PM 9/14/96 -0500, you wrote:
>Is there any activity in the South SF Bay (Silicon Valley) area? If so,
>what frequency is in use?
>
>de N3EOP/6
>
>
>.-
>

Yes, there is a quite a lot of activity around the Bay Area and Norcal. The
freq is 145.01. The wide digi in the area is K6TAM-5 on Loma Prieta.

Dave
David L. Wells KD6TO (KD6 Teletype Operator)
INTERNET: davew@cruzio.com
Watsonville, CA USA

From JohnLGaf@gnn.com Sun Sep 15 13:21:24 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA13946 for
<aprssig@tapr.org>; Sun, 15 Sep 1996 13:21:22 -0500 (CDT)
Received: from 70-83.client.gnn.com. (70-83.client.gnn.com [205.188.70.83]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id OAA32523 for
<aprssig@tapr.org>; Sun, 15 Sep 1996 14:20:44 -0400 (EDT)
Message-Id: <199609151820.OAA32523@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 15 Sep 1996 13:20:39
From: JohnLGaf@gnn.com (John L. Gafford)
To: aprssig@tapr.org
Subject: Garmin 20 and MIN Board

I have a Garmin 20 engine tied to a Clement MIM Module per pinouts
in documentayion for both units. It all seems to be working OK.
The MIM checks out fine with MIC104.EXE software, and when tied to
a transciever, the assembly put out beacons(correct BT), andan
apparent GPS fix, but of strange format. i.e.,
<call sign>,172515,V,,,,,,,150997,,?GPS FIX" The Garmin has been
on for several hours, and should have acquired a fix, but the NMEA
sentence doesn't look right to me. Any ideas, anyone? Is the
Garmin 20 working properly? Any help will bw sincerely
appreciated.

John N5XAK

From wa4mej@juno.com Sun Sep 15 14:57:16 1996
Received: from x6.boston.juno.com ([205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA23941 for <aprssig@tapr.org>; Sun, 15 Sep 1996 14:57:13 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail) id PAA10285; Sun, 15 Sep 1996 15:47:45 EDT
To: aprssig@tapr.org
Date: Sun, 15 Sep 1996 15:37:32 PST
Subject: Re: [APRSSIG:4740] Mentor Page
Message-ID: <19960915.153736.4543.0.wa4mej@juno.com>
References: <323BE6FC.1A62@cris.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-4
From: wa4mej@juno.com (john w dent)

your web page ig great ...
put me on your list
JOHN
WA4MEJ
wa4mej@juno.com

From sguccion@outland.dtcc.edu Sun Sep 15 15:02:45 1996
Received: from outland.dtcc.edu (sguccion@outland.dtcc.edu [138.123.12.201]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA24156 for <aprssig@tapr.org>; Sun, 15 Sep 1996 15:02:43 -0500 (CDT)
Received: from localhost (sguccion@localhost) by outland.dtcc.edu (8.6.11/8.6.11) with SMTP id QAA29703 for <aprssig@tapr.org>; Sun, 15 Sep 1996 16:02:37 -0400
Date: Sun, 15 Sep 1996 16:02:37 -0400 (EDT)
From: Dr Samuel Guccione <sguccion@outland.dtcc.edu>
X-Sender: sguccion@outland
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4755] Garmin 20 and MIN Board
In-Reply-To: <199609151820.OAA32523@mail-e2b-service.gnn.com>
Message-ID: <Pine.SV4.3.95.960915155654.29670A-100000@outland.dtcc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

John, I have constructed (successfully after several agonizing days) a similar system. The GPS-20 requires a "stiff" power supply of +5 volts. I spent several days on this problem thinking that I had a faulty GPS. It some extra measures on my part to successfully get the GPS-20 to start up. I finally put a really large (I think I put a 2200 uF cap across the connection from my 7805 regulator to the GPS-20. I have had no problems since I did that. This may be overkill but I tried 10 and 100 uF and they were marginal with my battery supply that I use with the tracker. I even found that several of my bench supplies were not stiff enough for the 20. I will be putting my tracker back on the air next week while I motor to work, play and home. You may see me although we do not have a good link out of Delaware to the rest of the world. As my friend says "We live in a technical and RF Black Hole".

Sam

On Sun, 15 Sep 1996, John L. Gafford wrote:

> I have a Garmin 20 engine tied to a Clement MIM Module per pinouts
> in documentayion for both units. It all seems to be working OK.
> The MIM checks out fine with MIC104.EXE software, and when tied to
> a transciever, the assembly put out beacons(correct BT), andan
> apparent GPS fix, but of strange format. i.e.,
> <call sign>,172515,V,,,,,,,150997,,?GPS FIX" The Garmin has been
> on for several hours, and should have acquired a fix, but the NMEA
> sentence doesn't look right to me. Any ideas, anyone? Is the
> Garmin 20 working properly? Any help will bw sincerely
> appreciated.
>
> John N5XAK
>
>
>

****
Dr. Sam Guccione Delaware Technical & Community College
302-741-2802   1832 North duPont Highway
ARS K3BY   Dover, DE 19901
****

From KD4EMI@aol.com Sun Sep 15 15:42:31 1996
Received: from emout09.mail.aol.com (emout09.mx.aol.com [198.81.11.24]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA25761 for <aprssig@tapr.org>; Sun, 15 Sep 1996 15:42:30 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout09.mail.aol.com (8.6.12/8.6.12) id QAA29908 for aprssig@tapr.org; Sun, 15 Sep 1996 16:41:57 -0400
Date: Sun, 15 Sep 1996 16:41:57 -0400
Message-ID: <960915164157_309011884@emout09.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4744] Compaq Lap Top Information

Yes, Compaq supplies a disk that will allow changing of the CMOS.
That is the only way I know how...My compaq has no other access.

Mike
KD4EMI@AOL.COM

From kjm@deltanet.com Sun Sep 15 16:01:31 1996
Received: from mail1.deltanet.com (mail.deltanet.com [199.171.190.55]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA26255 for <aprssig@tapr.org>; Sun, 15 Sep 1996 16:01:29 -0500 (CDT)
Received: from kjm-tjm (delta1.deltanet.com [199.171.190.3]) by mail1.deltanet.com

(8.7.4/8.7.3) with ESMTP id OAA17602 for <aprssig@tapr.org>; Sun, 15 Sep 1996
14:01:27 -0700 (PDT)
Message-Id: <199609152101.OAA17602@mail1.deltanet.com>
From: "Ken Mirabella" <kjm@deltanet.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4741] Comin' to Southern Cal (more)
Date: Sun, 15 Sep 1996 13:58:46 -0700
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

There is a wealth of APRS in San Diego. Bring your gear.
There are also gates back to east on HF gateways.

Have a great trip.

KM6YH

> From: rwf <rwf@mindspring.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:4741] Comin' to Southern Cal (more)
> Date: Sunday, September 15, 1996 5:40 AM
>
> Sorry for the additional message, but I left out an important part: I
will
> be arriving in San Diego on the 5th, then staying 5 days and either going
> home or th the LA area.Thanks, Ken for pointing that out.
>
> Ralph
>
>
>
>

From wa8inz@cris.com Sun Sep 15 17:40:49 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA28753 for <aprssig@tapr.org>; Sun, 15
Sep 1996 17:40:44 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id SAA19333; Sun, 15 Sep 1996 18:39:53 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80486.concentric.net [206.173.119.86])
     by cliff.cris.com (8.7.5)
     id SAA11280; Sun, 15 Sep 1996 18:40:39 -0400 (EDT)
Message-ID: <323CA1F8.BDB@cris.com>
Date: Sun, 15 Sep 1996 17:40:24 -0700
From: William Nolle <wa8inz@cris.com>

Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4756] Re: Mentor Page
References: <19960915.153736.4543.0.wa4mej@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

john w dent wrote:
>
> your web page ig great ...
> put me on your list
> JOHN
> WA4MEJ
> wa4mej@juno.com

Great John but i need to know for what area of the contry or state you
are able to help with. I don't know if you have internet access other
then Juno, so i don't know if you see the web site or not?. But that's
one thing i need to know.
--

wa8inz@amsat.org
wa8inz@cris.com
Check out my A.P.R.S Web Page.
THANKS TO THOSE MENTOR VOLENTEERS
Also check out my WA8INZ Home page.

http://www.concentric.net/~wa8inz

From dseaburg@web-access.net Sun Sep 15 18:53:07 1996
Received: from austin.aus.sig.net (root@austin.aus.sig.net [199.1.78.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA00688 for <aprssig@tapr.org>; Sun, 15
Sep 1996 18:53:04 -0500 (CDT)
Received: from seab486dx4 (ppp141.web-access.net [205.241.59.141]) by
austin.aus.sig.net (8.7.5/8.7.3) with SMTP id SAA14781 for <aprssig@tapr.org>;
Sun, 15 Sep 1996 18:52:21 -0500 (CDT)
Message-ID: <323C95A5.585F@web-access.net>
Date: Sun, 15 Sep 1996 18:47:49 -0500
From: Dale Seaburg <dseaburg@web-access.net>
X-Mailer: Mozilla 3.0b8Gold (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4758] Re: Compaq Lap Top Information
References: <960915164157_309011884@emout09.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KD4EMI@aol.com wrote:
>

> Yes, Compaq supplies a disk that will allow changing of the CMOS.
> That is the only way I know how...My compaq has no other access.
>
> Mike
> KD4EMI@AOL.COM

HP's early Vectra PC were that way, too. We stopped using them about 5
years ago.

Dale Seaburg.
dseaburg@web-access.net

From dpendry@mail.telis.org Sun Sep 15 19:16:35 1996
Received: from homeroom.telis.org (homeroom.telis.org [204.71.75.151]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA01264 for <aprssig@tapr.org>; Sun, 15 Sep 1996
19:16:33 -0500 (CDT)
Received: from s14-pm02-lncst-t.telis.org (s14-pm02-lncst-t.telis.org
[206.96.66.73]) by homeroom.telis.org (8.7.5/8.7.3) with SMTP id RAA03100 for
<aprssig@tapr.org>; Sun, 15 Sep 1996 17:14:57 -0700 (PDT)
Date: Sun, 15 Sep 1996 17:14:57 -0700 (PDT)
Message-Id: <2.2.16.19960915235750.25df1618@mail.telis.org>
X-Sender: dpendry@mail.telis.org
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Don Pendry <dpendry@mail.telis.org>
Subject: subscribe

subscribe
Amateur Radio Station N6AER
Don Pendry
PO Box 452
Joshua Tree, California 92252
dpendry@telis.org

From amirault@laraby.tiac.net Sun Sep 15 20:24:05 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA06079 for <aprssig@tapr.org>; Sun, 15 Sep 1996
20:24:04 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id
VAA20809; Sun, 15 Sep 1996 21:27:56 -0400
Date: Sun, 15 Sep 1996 21:27:56 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: RE: GATE,WIDE,WIDE,WIDE
In-Reply-To: <19960915.153736.4543.0.wa4mej@juno.com>
Message-ID: <Pine.BSF.3.91.960915212525.20615A-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As mentioned before, I see MOST stations coming thru my local GATE with

three WIDE's in their path.

Could it be that the local WIDE is adding an extra WIDE to each path when
it digipeats onto VHF?

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From rwf@mindspring.com Sun Sep 15 23:05:38 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA14275 for <aprssig@tapr.org>; Sun, 15
Sep 1996 23:05:36 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id AAA18040 for <aprssig@tapr.org>;
Mon, 16 Sep 1996 00:05:32 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id AAA06533 for
<aprssig@tapr.org>; Mon, 16 Sep 1996 00:05:29 -0400
Message-Id: <2.2.32.19960916040848.006f0a3c@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 16 Sep 1996 00:08:48 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4744] Compaq Lap Top Information

On my Compaq, I always hit F10 after it beeped during the boot sequence.

At 09:30 AM 9/15/96 -0500, Carl wrote:

>The Compaq must use some type of proprietary keyboard command in order to
>get in to the CMOS. The conventional DEL during boot is not working?
>

From bruninga@nadn.navy.mil Sun Sep 15 23:57:28 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA16421 for <aprssig@tapr.org>; Sun, 15
Sep 1996 23:57:26 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id BAA16515 for <aprssig@tapr.org>; Mon, 16 Sep 1996
01:02:28 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Sep 1996 01:02:28 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: N9KRG and CAP
Message-ID: <Pine.GSO.3.95.960916010044.16498A-100000@arctic>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Got a reg for N9KRG with lat/long of Chicago area, but no city name.
Anyway, his CAP call RDFOX48 V# is awating a mailing address

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Mon Sep 16 00:07:02 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA19801 for <aprssig@tapr.org>; Mon, 16
Sep 1996 00:06:57 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id BAA16606 for <aprssig@tapr.org>; Mon, 16 Sep 1996
01:11:58 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Sep 1996 01:11:58 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: ARRL COnv in Peoria
Message-ID: <Pine.GSO.3.95.960916010232.16498B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It was a great hamfest tho a little un-crowded. The NIAN group from
CHicago was there in quite a few numbers and we had a great little dinner
and chat. Keith Sproul representing Mac and Win APRS and I were there.

During a DF replay, I noticed how much better the DF bearing lines would
look if their length got shorter as the DF chaser got closer to the FOX.
We discussed it and I will implement a RANGE digit in the DF report that
is proportional to the Map scale that the oriinator is on when he makes
the report. Presumably he will be zoooming in as he gets closer and this
will make the bearing line shorter... I think this is a neat idea.

Currently the DF bearing is BBB/N0Q. The 0 was just a placeholder all
along (clairvoiance?) Anyway, I will change the DF format to make
that digit represent RANGE as the 2-to-the-Rth power.
That will handle ranges between 1 and 512 miles....

I have 200 messages to plow through, so it will take me some time to
respond...

Again, good job to the NIAN group in CHicago, they seem well organized and
were very supportive and operated an APRS booth during the whole show....

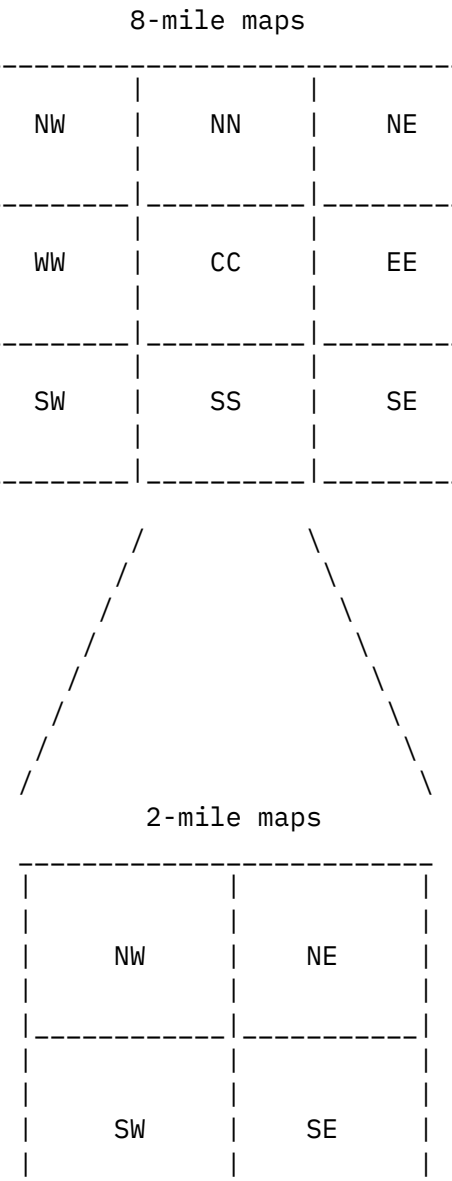
Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From N2ZRC@gnn.com Mon Sep 16 05:10:19 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com

[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA27414 for
<aprssig@tapr.org>; Mon, 16 Sep 1996 05:10:17 -0500 (CDT)
Received: from 9-126.client.gnn.com. (9-126.client.gnn.com [205.188.9.126]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id GAA23611 for
<aprssig@tapr.org>; Mon, 16 Sep 1996 06:09:40 -0400 (EDT)
Message-Id: <199609161009.GAA23611@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 16 Sep 1996 06:09:03
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Map Making Problem

Hi All,

I'm trying to make a series of nine 8-mile maps and 36
2-mile street-level maps of the New York City area as shown:



```
        |____________|___________|
```

which is pretty standard APRS mapmaking procedure for urban areas.

I'm getting as far as making the "CC" map of the 8-miler, which has about 3300-odd points (I'm using the 8- range...less than default detail.) The map gets drawn then, a fraction of a second after it starts chaining segments I get the following lovely message:

Subscript out of range in line No line number in module MK100K3 at address 08F5:1ADD

Hit any key to return to system

which gets to be awfully tired after seeing it time and time a-gain, trying to simplify things for the machine by running the MK100K3 in a "DOS Window," going from the 8+ range to 8 and down to 8-, running MEMMAKER to get more lower memory to play with and banging my head against the wall to shake loose the cobwebs! I am reminded of the QSL card I once got picturing a computer on a desk displaying the "Hit any key..." message and the operator standing over it with a sledgehammer poised to go!

I've unzipped all of the road & hydro files of the desired quads from the selected areas AND their abutting quads. The computers in question (I've tried it on both) are a DX2/50 with 12 Mb of RAM and a Pentium 75 with 8Mb of EDO RAM.

What does this message mean? How can I avoid it? What am I doing wrong?! 73

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From carlt@icanect.net Mon Sep 16 05:24:24 1996
Received: from foo.icanect.net (root@foo.icanect.net [205.161.216.72]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA27706 for <aprssig@tapr.org>; Mon, 16 Sep 1996 05:24:23 -0500 (CDT)
Received: from Carl (ascend04-29.icanect.net [206.142.164.29]) by foo.icanect.net (8.7.5/8.7.5) with SMTP id GAA08683 for <aprssig@tapr.org>; Mon, 16 Sep 1996 06:24:20 -0400 (EDT)
Message-Id: <199609161024.GAA08683@foo.icanect.net>
X-Sender: carlt@mail.icanect.net
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 16 Sep 1996 06:24:16 -0400
To: aprssig@tapr.org
From: carlt@icanect.net (carl taylor)

Subject: Re: [APRSSIG:4764] Re: Compaq Lap Top Information

>On my Compaq, I always hit F10 after it beeped during the boot sequence.
>>
>At 09:30 AM 9/15/96 -0500, Carl wrote:
>
>>The Compaq must use some type of proprietary keyboard command in order to
>>get in to the CMOS. The conventional DEL during boot is not working?
>>
A coupla folks told me abouut a settup disk from Compaq.. I got it from
their internet site.. I did not access the " comfifo 1" command which the
aprs readme spoke about...

The strange thing is that other comm programs (telix,etc.) will talk to the
tnc, but aprs just locks up when it trys to iniciate the tnc..I have gone
over the system initapr file and can not find anything out of line....

I realy need someone with a bright idea.. This has gone one for a week and
untold hours now... It did work until 2 weeks ago..Reinstalled aprs and
everrything else i can think of...

Carl - W9ZGU

From wa4mej@juno.com Mon Sep 16 06:42:41 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA29119 for <aprssig@tapr.org>; Mon, 16
Sep 1996 06:42:40 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail)
     id HAA28888; Mon, 16 Sep 1996 07:42:31 EDT
To: aprssig@tapr.org
Date: Mon, 16 Sep 1996 07:41:13 PST
Subject: Re: Mentor Page
Message-ID: <19960916.074116.7527.0.wa4mej@juno.com>
References: <323CA1F8.BDB@cris.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 1,3-30
From: wa4mej@juno.com (john w dent)

shame on me i am in north east fla aprox 40 m nw of jacksonville just
north of the town of hilliard fl   lat/lon is 30 46 56 n /081 55 22 w
On Sun, 15 Sep 1996 17:46:19 -0500 (CDT) William Nolle <wa8inz@cris.com>
writes:
>john w dent wrote:
>>
>> your web page ig great ...
>> put me on your list
>> JOHN
>> WA4MEJ
>> wa4mej@juno.com
>
>Great John but i need to know for what area of the contry or state you
>
>are able to help with. I don't know if you have internet access other

>then Juno, so i don't know if you see the web site or not?. But that's
>
>one thing i need to know.
>--
>   \////
>   (0 0)
>   *--o0-(_)-0o--*
>   wa8inz@amsat.org
>   wa8inz@cris.com
>   Check out my A.P.R.S Web Page.
>   THANKS TO THOSE MENTOR VOLENTEERS
> Also check out my WA8INZ Home page.
>
>   http://www.concentric.net/~wa8inz
>
>

From rsellers@firecraker.com Mon Sep 16 07:21:15 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA29901 for <aprssig@tapr.org>; Mon, 16 Sep 1996
07:21:11 -0500 (CDT)
Date: Mon, 16 Sep 1996 07:21:11 -0500 (CDT)
Message-Id: <199609161221.HAA29901@tapr.org>
X-ROUTED: Mon, 16 Sep 1996 07:21:14 -0500
Received: from RSELLERS [199.190.124.21] by rockford.com with smtp
     id AHBECIGA ; Mon, 16 Sep 1996 07:20:40 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4744] Compaq Lap Top Information

Try CTRL ALT ESC at the same time. That works in many cases.

73,

>
> I read in the READ.ME file of APRS that Compaq Lap Tops that have the new
>UART Chip may require a change to the Com FIFO 1 turned off. This setting I
>believe is in the CMOS.
>
>The Compaq must use some type of proprietary keyboard command in order to
>get in to the CMOS. The conventional DEL during boot is not working?
>
>Can anyone offer any suggestions? We are very close to testing out a new
>hardware device with APRS that will allow it to work with 1 com port.
>
>
>73, Carl W9GZU
>
>

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From bruninga@nadn.navy.mil Mon Sep 16 08:41:28 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA03396 for <aprssig@tapr.org>; Mon, 16 Sep 1996 08:41:26 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id JAA25128 for <aprssig@tapr.org>; Mon, 16 Sep 1996 09:46:29 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Sep 1996 09:46:29 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4700] Re: RELAY on hf
In-Reply-To: <3.0b15.32.19960913132431.00705a2c@144.188.134.33>
Message-ID: <Pine.GSO.3.95.960916094455.20963C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Sep 1996, Paul Moller wrote:

> The default alias for a digipeat on hf is "RELAY". I would say that putting
> RELAY in an hf path without a VERY good reason is a good way to clog the hf
> channel even more than it is.

APRSdos REPLY/COMMENT: The default path for APRSdos is NONE and the MYAlias is ECHO. If stations do not hit CONTROLS-BANDS-HF to tell APRS they are on HF, however, then APRS does not know it and assumes the station is on VHF so uses RELAY...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From schiers@ames.net Mon Sep 16 09:11:45 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA04251 for <aprssig@tapr.org>; Mon, 16 Sep 1996 09:11:42 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609161411.JAA04251@tapr.org>
Received: from [206.29.126.237] by ames.net id 49290.wrk; Mon, 16 Sep 1996 09:09:20 -0600
Date: Mon, 16 Sep 96 13:56:44 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4752] Re: Washington State!
In-Reply-To: <802037@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.12

In <802037@bbs.ames.net>, on 09/15/96 at 01:33 PM,
   aprssig@tapr.org said:

W7FEN said:

>I am not on 30 meters right now - computer problem.

Gervie, I miss seeing you on my map here in Iowa. You
were a very good propagation indicator for several
months.

I routinely show nearly 200 stations during a day, and
with a 12 hour "cleanup" setting, usually the number
varies between 85 and 130 stations showing up all the
time. This is on 30m, where I am running 250w to a 10
el log periodic at 72', 24 hours per day, 7 days per
week, except for brief outages for the Saturday morning
SSTV net.

I would be interested in hearing from other sig members
regarding how well/often they are seeing my station.

It operates as a wx station (U-2000) and gateway to
145.79 and has path coverage as far south (via wides)
as Kansas City, Mo. 73,

hasan schiers, N0AN
----
schiers@ames.net

From bruninga@nadn.navy.mil Mon Sep 16 09:21:34 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA04579 for <aprssig@tapr.org>; Mon, 16
Sep 1996 09:21:32 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA02415 for <aprssig@tapr.org>; Mon, 16 Sep 1996
10:26:33 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Sep 1996 10:26:32 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS/HSP "Be Prepared"
Message-ID: <Pine.GSO.3.95.960916101807.20963J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In preparing for my trip to Peoria (fly in and rental car) I was going to
be using a different combination of GPS/TNC and laptop. It would be risky
to depend on my HSP adapter untested with this combination.

APRS RECOMMENDATION: Everyone with a GPS should add this little GIZMO to their bag of tricks so they can operate GPS mobile with ANY TNC, any GPS and any LAPTOP. An SPDT switch ALWAYS works. Use a push putton to normally pass the TNC data to the PC. WHen you push it, the GPS data is switched in. SImply wire a back to back DB-9 with a GPS connection and a 3 foot wire to the hand held push button and a GPS connector. Put APRS in SPM mode.

Whenever you want a posit, push and hold the button for 2 seconds. Perfect for marking intersections or landmarks too... Nice to have in emergencies when you may be using a strange laptop, or GPS, or TNC...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From dwetzel@slkc.uswest.net Mon Sep 16 09:30:14 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA04689 for <aprssig@tapr.org>; Mon, 16 Sep 1996 09:30:12 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup40.slkc.uswest.net [206.81.132.10]) by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id IAA24816 for <aprssig@tapr.org>; Mon, 16 Sep 1996 08:30:07 -0600
Message-ID: <323D644A.633D@slkc.uswest.net>
Date: Mon, 16 Sep 1996 08:29:30 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4772] Re: Washington State!
References: <199609161411.JAA04251@tapr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

schiers@ames.net wrote:
>
> In <802037@bbs.ames.net>, on 09/15/96 at 01:33 PM,
>   aprssig@tapr.org said:
>
> W7FEN said:
>
> >I am not on 30 meters right now - computer problem.
>
> Gervie, I miss seeing you on my map here in Iowa. You
> were a very good propagation indicator for several
> months.
>
> I routinely show nearly 200 stations during a day, and
> with a 12 hour "cleanup" setting, usually the number
> varies between 85 and 130 stations showing up all the
> time. This is on 30m, where I am running 250w to a 10
> el log periodic at 72', 24 hours per day, 7 days per
> week, except for brief outages for the Saturday morning
> SSTV net.

>
> I would be interested in hearing from other sig members
> regarding how well/often they are seeing my station.
>
> It operates as a wx station (U-2000) and gateway to
> 145.79 and has path coverage as far south (via wides)
> as Kansas City, Mo. 73,
>
> hasan schiers, N0AN
> --
> schiers@ames.net
> --

Hasan, you are almost always the first one I see when the sun comes up,
and the last one to fade at night.

Doug
KC7CO
Salt Lake City

From bruninga@nadn.navy.mil Mon Sep 16 09:30:44 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA04735 for <aprssig@tapr.org>; Mon, 16
Sep 1996 09:30:42 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA04423 for <aprssig@tapr.org>; Mon, 16 Sep 1996
10:35:44 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Sep 1996 10:35:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4718] Re: aprs vs ragchewing
In-Reply-To: <199609141343.JAA02529@mail-e2b-service.gnn.com>
Message-ID: <Pine.GSO.3.95.960916103202.20963M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 14 Sep 1996, Arte Booten asked for details on how to do these APRS
message techniques:

> >2) Knowing how to select dual paths for your data.

*** Use OPS-DIGI-ALT and select your alternate path and percentage to use.
>
> >6) Learning how to bundle multiple messages along the same
> >path so that you are not delayed waiting for APRS to change paths.

APRSdos REPLY/COMMENT: If you have many messages to send to different
stations, try to bunch them together. IE: Enter all the messages to the
northbound route first, then enter all the messages to the southbound
group, then enter messages to the west group. THis way APRS only has to
switch paths three times instead of back and forth between every message.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Mon Sep 16 09:39:33 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA05096 for <aprssig@tapr.org>; Mon, 16
Sep 1996 09:39:31 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA05760 for <aprssig@tapr.org>; Mon, 16 Sep 1996
10:44:34 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Sep 1996 10:44:33 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4722] new user (me)
In-Reply-To: <199609141504.IAA20309@franc.ucdavis.edu>
Message-ID: <Pine.GSO.3.95.960916104108.20963O-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 14 Sep 1996, John Lakeland wrote:

> 1. I can't seem to save a map zoom alias, which I read about in one of the
> docs. Is this possible in my version?

*** Just hit MAPS-SAVE and then any of the map HOT keys 3,5,7 or 9.
Then you can instantly go back to that map by hitting just the numeral
key. Be sure to ALT-S-SAVE if you want to permanently keep those keys.

> What happens to my signal. Eg. I send via "wide,wide". All digi's who
> hear me repeat my signal (stripping one wide?). All digi's who hear the
> repeat, repeat again (stripping the second wide?)

*** CORRECT
>
>   Well, I think this software is worth enhancing. I know that the guys
> who write the code are loaded to the max and docs are hard to do on top of
> what they already do, particularly docs that answer every newbie question,
> like the 6 inch thick books Microsoft writes for a simple word processor.

APRSdos REPLY/COMMENT: I just saw a 2 INCH full notebook at the Peoria
Hamfest where someone had printed out ALL of the APRS README files. I had
no idea it was so thick. See the APRS.txt and HELP.txt files.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Mon Sep 16 10:21:45 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA07009 for <aprssig@tapr.org>; Mon, 16
Sep 1996 10:21:43 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA13500 for <aprssig@tapr.org>; Mon, 16 Sep 1996
11:26:44 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Sep 1996 11:26:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4746] Re: No. CA APRS activity
In-Reply-To: <19960915.082345.7438.0.w7lus@juno.com>
Message-ID: <Pine.GSO.3.95.960916112501.20963R-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 15 Sep 1996, Peter A Gross wrote:

> I think that all networks that are not on the recognized standard freq of
> 145.79 ought to inform the software authors to create a text file with
> that info.

APRSdos REPLY/COMMENT: There are two places that discribe networks all
over the country. Just load or replay DIGIS-W, or E or SE and the freq of
each digipeater is shown if not 79... Or load/play FREQS-USA.bk

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From mark@y100.com Mon Sep 16 10:22:40 1996
Received: from mail.voicenet.com (mail.voicenet.com [207.103.0.37]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA07034 for <aprssig@tapr.org>; Mon, 16 Sep 1996
10:22:37 -0500 (CDT)
Received: from default (ivyland425.voicenet.com [207.103.7.44]) by
mail.voicenet.com (8.7.5/8.6.12) with SMTP id LAA08595 for <aprssig@tapr.org>;
Mon, 16 Sep 1996 11:24:24 -0400 (EDT)
Message-ID: <323D6E8D.106@y100.com>
Date: Mon, 16 Sep 1996 11:13:17 -0400
From: Mark Humphrey <mark@y100.com>
Organization: WPLY - 100 / Radio Philadelphia
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: New WIDE-RELAY in Harrisburg PA
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is a new WIDE-RELAY digi now operating on Blue Mountain, about 6
miles NW of Harrisburg, PA, using the call N2CHV-2. This site is 650'
AAT and offers very good coverage of the Harrisburg/Carlisle area
(Dauphin and Cumberland Counties) including the following major
highways:

I-76 (PA Turnpike) west to Blue Mountain Tunnel
I-81 and US 11 south to Chambersburg, PA

I-83 south to York
US 15 south to Gettysburg
PA 283 southeast to Elizabethtown

There is some coverage in Perry County on US 11/15 north of Harrisburg,
but this is limited by terrain. The eastern coverage overlaps slightly
with N2CHV-3 on Eagle's Peak which is 43 miles to the east (near the
junction of Lebanon, Lancaster and Berks counties).

I hope to have a remote WX station installed at the site within a few
weeks, thanks to Gary, N3HCP who is donating a Ultimeter-II.

I look forward to your signal reports -- please send to mark@y100.com or
N2CHV@WB3JOE.

73, Mark Humphrey N2CHV

From hammock@wired.jpl.nasa.gov Mon Sep 16 10:39:12 1996
Received: from wired.jpl.nasa.gov (wired.jpl.nasa.gov [128.149.72.59]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA07443 for <aprssig@tapr.org>; Mon, 16 Sep 1996
10:39:10 -0500 (CDT)
Received: by wired.jpl.nasa.gov (931110.SGI/920502.SGI.AUTO)
     for aprssig@tapr.org id AA14859; Mon, 16 Sep 96 08:53:59 -0700
From: "Randy Hammock" <hammock@wired.jpl.nasa.gov>
Message-Id: <9609160853.ZM14857@wired.jpl.nasa.gov>
Date: Mon, 16 Sep 1996 08:53:59 -0700
In-Reply-To: rwf <rwf@mindspring.com>
        "[APRSSIG:4738] Comin' to Southern California" (Sep 14, 11:15pm)
References: <2.2.32.19960915041251.006c7d90@mindspring.com>
X-Mailer: Z-Mail (3.1.0 22feb94 MediaMail)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4738] Comin' to Southern California
Content-Type: text/plain; charset=us-ascii
Mime-Version: 1.0

On Sep 14, 11:15pm, rwf wrote:
> Subject: [APRSSIG:4738] Comin' to Southern California
> I'll be heading to SOCAL next month for a business conference. Arrival
> date is Saturday October 5th at about noon. I am supposed to head back to
> Atlanta on Friday morning the 11th.
>
> I *may* stay a few days extra (if I fly the family out) and travel up as far
> as the LA/San Bern/Valencia area. (I have a friend who lives on the Mtn at
> Crestline)
>
> What kind of activity on APRS can I expect, and on what frequency. Should I
> bother to bring it? If you have any info, or want to schedule an eyeball or
> other get together, please respond.
>
> Thanks
>
>
>

>
>   Ralph Fowler, N4NEQ   S.E.R.A. ATV Technical
> Advisor
>   rwf@mindspring.com
> Atlanta, GA USA
>   Web: http://www.mindspring.com/~rwf   for APRS, ATV, Balloon, and
> Ham info
> My hobby is tracking Vehicles and other things using Ham Radio and APRS. Ask
> me how!
>-- End of excerpt from rwf

Ralph,

Seems spotty. Where I am located, Pasadena area, APRS seems pretty active; however, when I go over into the Northern part of the San Fernando Valley, the activity drops off drastically. I don't have APRS running, I just run a tracker but audibly monitor the channel.

I'm just getting back into the swing of things here. I just moved back into the area from Colmbia, MD.

--
Randy Hammock   KC6HUR | Jet Propulsion Laboratory
EMail: hammock@wired.jpl.nasa.gov | 4800 Oak Grove Drive
Voice: +1-818-393-1214 | M/S: 264-580
Pager: +1-818-423-2062 | PASADENA CA 91109

From cougercat@smtp.prostar.com Mon Sep 16 11:17:51 1996
Received: from mail.prostar.com (smtp.prostar.com [206.214.169.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA08735 for <aprssig@tapr.org>; Mon, 16 Sep 1996 11:17:46 -0500 (CDT)
Message-Id: <199609161617.LAA08735@tapr.org>
From: cougercat@smtp.prostar.com
Reply-To: cougercat@smtp.prostar.com
Subject: Re:[APRSSIG:4768] Re: Compaq Lap Top Information
To: aprssig@tapr.org
X-Mailer: TSX-BBS
Date: Mon, 16 Sep 96 09:14:54 PDT
Organization: ProStar Plus Internet

A> >On my Compaq, I always hit F10 after it beeped during the boot sequence.
A> >>
A> >At 09:30 AM 9/15/96 -0500, Carl wrote:
A> >
A> >>The Compaq must use some type of proprietary keyboard command in order to
A> >>get in to the CMOS. The conventional DEL during boot is not working?
A> >>
A> A coupla folks told me abouut a settup disk from Compaq.. I got it from
A> their internet site.. I did not access the " comfifo 1" command which the
A> aprs readme spoke about...
A>

A> The strange thing is that other comm programs (telix,etc.) will talk to the
A> tnc, but aprs just locks up when it trys to iniciate the tnc..I have gone
A> over the system initapr file and can not find anything out of line....
A>
A> I realy need someone with a bright idea.. This has gone one for a week and
A> untold hours now... It did work until 2 weeks ago..Reinstalled aprs and
A> everrything else i can think of...
A>
A> Carl - W9ZGU
A>

Hi Carl;

  When you find out what it is, Please let us (me) know as I'm having the same problem. I have put an extra 2 megs of ram into my compac but have to hit F1 each time I boot up otherwise the little monster will not run. Any suggestions out there would be appreciated.

Thanks

Jeff - WB7AHT

****
* mail from Jeff - cougercat@prostar.com *
****

From bruninga@nadn.navy.mil Mon Sep 16 11:22:38 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA08876 for <aprssig@tapr.org>; Mon, 16 Sep 1996 11:22:36 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id MAA02152 for <aprssig@tapr.org>; Mon, 16 Sep 1996 12:27:36 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Sep 1996 12:27:35 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4763] RE: GATE,WIDE,WIDE,WIDE
In-Reply-To: <Pine.BSF.3.91.960915212525.20615A-100000@laraby.tiac.net>
Message-ID: <Pine.GSO.3.95.960916113723.20963W-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 15 Sep 1996, Richard Amirault wrote:
> I see MOST stations coming thru my local GATE with three WIDE's

APRSdos REPLY/COMMENT: I just looked at my DIGI page on HF (hadnt done that in months!) and he is right!   Over 50% of the paths are inappropriate.   20% of them are BADNEWS, and 20% are meaningless and go no-where...

RULE: There should never be more than ONE WIDE after a GATE. Yes you can go more hops (if absolutely necessary), but you must use a specific call beyond the first WIDE otherwise you clearly do NOT have a specific purpose.

VHF stations should not be routinely beaconing via a VHF GATE onto HF. I see over two dozen! Is OK for special, or for single packets, but not as a rule!

We need the HF stations to try to educate these newcommers. PLEASE be courteous. These are new users who simply dont understand. Take the time to send them a polite message offering to help explain the best pahts to use and the ones to be absolutely avoided...

BE NICE!!!! Also BE SURE TO CHECK THE HEARD LOG! Do NOT jump on someone

for a one time mistake or a one time special event...

We must do this, or HF10151 will become useless...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Mon Sep 16 11:39:33 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA09478 for <aprssig@tapr.org>; Mon, 16 Sep 1996 11:39:29 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id MAA04562 for <aprssig@tapr.org>; Mon, 16 Sep 1996 12:44:29 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Sep 1996 12:44:27 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Balloon launch 21 Sept!
Message-ID: <Pine.GSO.3.95.960916123906.20963c-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

1. Pre-launch check in 7 am CDT (Indianapolis time)
2. Launch time 7:45 am
3. Flight duration: approximately 3 hours
4. Camera video frequency: 439.25 MHz (vertical polarity)
5. Amateur voice repeater FM receiver on 444.85 MHz and 52.525 MHz (6 meters is best). FM transmitter on 144.30 MHz (vertical polarity). Note: You need a ham license to transmit.
6. GPS and amateur packet data info: FM receiver on 446.0 MHz with packet TNC for 1200 BPS
7. Pre-launch CHECK IN frequency: 2m: 145.37/r, HF: 3871 kc

Web Page: http://klingon.sc.iupui.edu/~pacer/new_augusta/windtrax.html

SUBJECT: NAPA/WindTrax-10 Balloon Experiment FAQ
WINDTRAX-10
Prime launch date: SAT 21-SEP-96

Flight Director: Chuck Crist, WB9IHS
Flight Sponsor: New Augusta Public Academy

TIME: 1200-1300 UTC (0700-0800 AM Indy time)
LAUNCH SITE: 5 mi NW INDY

Pre-Launch Freq:
Check-ins (HF) on 3870 +/- 1 kHz, local on 146.97(-)/R
Nets will begin at 1130 UTC

Balloon Type: TA-1200 Weather Balloon
Flight Assembly: 70-ft long consisting of balloon, parachute, crossband repeater, GPS packet & ATV equipment all contained in separate starfoam boxes and connected by 1/8 inch nylon line.
Total weight: approx 9 lbs. ATV is heaviest at 4 3/4 lbs.

Flight Package Freqs:
Crossband repeater: Down 444.85 & 52.525 MHz FM vertical polarization @ 50 & 100 mW Pout. Up 144.3 MHz FM.
GPS Packet: Down 446.0 MHz vert pol @ 750 mW Pout [transmitting GPS "gga" string].
ATV: Down 439.25 MHz vert pol @ 1.5 W Pout. [Cable Ch 65]
Antennas: All are vertical polarization.

Climb Rate: Approximately 1000 feet per minute.
Max Altitude: Approximately 100,000 feet AGL.
Flight Duration: 2 1/2 - 3 hours.
Flight direction/distance: Approx E to SE of launch site & 35-50 miles.

Flight packages:

Crossband Repeater by Paul W9DUU:
2m rcvr to 6m & 70cm xmtrs, with voice ID & NiCad power supply.
Antennas are 1/2 wavelength wire on top and bottom of self-contained and separate box.
GPS Packet by Chuck WB9IHS:
Garmin GPS rcvr, controlled by PacCom packet TNC & downlinked on Tekk 70 cm xmtr. Self-contained separate box with lithium power system. Antennas are 1/4 wave on 70 cm & strip line 1.5 GHz GPS rcvr.
Audio beeper is attached to outside of this box.
ATV by Terry KT9V:
Two B&W CCD cameras plus WB8ELK color video IDer board and downlinked on WYMAN ATV xmtr via 1/4 wave vertical antenna.
Self-contained in separate box with lithium power. CCS cams

are aimed Horizon & Up views and controlled by solid state
remote switching.

MISC:
1. Balloon fill is approx 290 cu ft of helium at surface.
2. Balloon dia approx 6 1/2 ft at surface & 18 ft dia at 100k ft.
3. Flight Assy recovery is by DF chase teams.
4. All Amateurs are welcome to participate.
5. Parachute is 4 1/2 ft dia by KB9BSV.

FAA DATA REQUIRED by FAR101:

1. BALLOON ID: WINDTRAX-X-96 WB9IHS
2. LAUNCH DATE: 21-SEP-96 (SATURDAY)
3. TIME: 1200-1300 UTC

4. LAUNCH SITE: New Augusta Academy, Indianapolis, IN
   Lat 39.866667 N, Lon 86.233333 W
   Elevation 800 ft MSL (244m)

5. CRUISING ALT: Max Altitude approx 100,000 feet

6. FORCASTED TRAJECTORY & EST CLIMB TO 60k FT:
   A. 50 miles SE of launch site, while climbing to 100k ft, then descending to surface by parachute.
   B. One hour to 60k ft & 90 minutes max altitude.

7. PHYSICAL DESCRIPTION: Balloon is 8 ft diameter weather balloon made by KAYMONT (same used by NWS). Entire flight assembly is 70 ft vertically in length and contains one balloon, one 6-ft parachute & three separate starfoam electronic experiment packages connected by a 1/8 inch nylon line.

8. TOTAL FLIGHT TIME: Three hours, Approx.

9. FORCASTED LANDING TIME & LOCATION:
   A. 1500-1600 UTC
   B. Approx 50-60 miles SE of launch site.

Web Page: http://klingon.sc.iupui.edu/~pacer/new_augusta/windtrax.html

From bruninga@nadn.navy.mil Mon Sep 16 11:44:33 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA09824 for <aprssig@tapr.org>; Mon, 16 Sep 1996 11:44:31 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id MAA05468 for <aprssig@tapr.org>; Mon, 16 Sep 1996

12:49:30 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 16 Sep 1996 12:49:29 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4778] New WIDE-RELAY in Harrisburg PA
In-Reply-To: <323D6E8D.106@y100.com>
Message-ID: <Pine.GSO.3.95.960916124535.20963d-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Sep 1996, Mark Humphrey wrote:

> There is a new WIDE-RELAY digi now operating on Blue Mountain, about 6
> miles NW of Harrisburg, PA, using the call N2CHV-2. This site is 650'

APRSdos REPLY/COMMENT: Thanks for the good news! (I see it fine here in
MD). THis balances the general bad news currently in our area:

  My APR-1 digi is down. Killing our area, and Gate
  The PAX River digi is down severing south maryland
  The Charlottsville DIGI is donw cutting off central VA
  WA4TSC-1 is down, killing northern VA.

Basically, from the biggest east coast net, we can now barely see anyone!
ARGH!!!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From jleonard@tbcnet.com Mon Sep 16 12:05:45 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA10847 for <aprssig@tapr.org>; Mon, 16 Sep 1996
12:05:43 -0500 (CDT)
Received: from PR152.tbcnet.com (PR152.tbcnet.com [207.112.227.52]) by
tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id MAA08476 for <aprssig@tapr.org>; Mon,
16 Sep 1996 12:05:42 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR152.tbcnet.com [207.112.227.52]
didn't use HELO protocol
Message-Id: <1.5.4.32.19960916170455.006cd7a8@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 16 Sep 1996 12:04:55 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:4772] Re: Washington State!

At 09:22 9/16/96 -0500, you wrote:
>In <802037@bbs.ames.net>, on 09/15/96 at 01:33 PM,
>   aprssig@tapr.org said:

>

>
>I would be interested in hearing from other sig members
>regarding how well/often they are seeing my station.
>

copy ur station in dekalb il via wide,wide

jbl

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
American Red Cross Disaster Services - DeKalb Co Chapter
DR444 DR157

From RGervenack@aol.com Mon Sep 16 12:56:08 1996
Received: from emout19.mail.aol.com (emout19.mx.aol.com [198.81.11.45]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA12806 for <aprssig@tapr.org>; Mon, 16
Sep 1996 12:56:06 -0500 (CDT)
From: RGervenack@aol.com
Received: by emout19.mail.aol.com (8.6.12/8.6.12) id NAA02405 for
aprssig@tapr.org; Mon, 16 Sep 1996 13:55:36 -0400
Date: Mon, 16 Sep 1996 13:55:36 -0400
Message-ID: <960916135534_479856277@emout19.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4772] Re: Washington State!

Thank you for the report on my 30 meter 100 watt aprs signal to a HT-18
Hygain
Vertical.
Hoping to get a replacment computer soon.
Would like to meet you at the TAPR conference.

73, Gervie W7FEN

From northup@sw.stratus.com Mon Sep 16 13:50:57 1996
Received: from mailhub.stratus.com (mailhub.stratus.com [134.111.1.14]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA14605 for <aprssig@tapr.org>; Mon, 16
Sep 1996 13:50:55 -0500 (CDT)
Received: from lectroid.sw.stratus.com (lectroid.sw.stratus.com [134.111.10.1]) by
mailhub.stratus.com (8.7.5/8.7.3) with ESMTP id OAA16273 for <aprssig@tapr.org>;
Mon, 16 Sep 1996 14:50:55 -0400 (EDT)
Received: from blackdog.sw.stratus.com (blackdog.sw.stratus.com [134.111.10.76])
by lectroid.sw.stratus.com (8.6.11/8.6.11) with ESMTP id OAA21820 for
<aprssig@tapr.org>; Mon, 16 Sep 1996 14:50:52 -0400
Received: (from northup@localhost) by blackdog.sw.stratus.com (8.6.9/8.6.9) id
OAA06014; Mon, 16 Sep 1996 14:50:50 -0400
From: Bill Northup <northup@sw.stratus.com>
Message-Id: <199609161850.OAA06014@blackdog.sw.stratus.com>
Subject: Re: RE: GATE,WIDE,WIDE,WIDE

To: aprssig@tapr.org
Date: Mon, 16 Sep 1996 14:50:50 -0400 (EDT)
Cc: NORTHUP@sw.stratus.com
X-Mailer: ELM [version 2.4 PL20]
Content-Type: text

>
> As mentioned before, I see MOST stations coming thru my local GATE with
> three WIDE's in their path.
>
> Could it be that the local WIDE is adding an extra WIDE to each path when
> it digipeats onto VHF?
>
> Richard Amirault   N1JDU   Boston, Massachusetts USA
> amirault@tiac.net   "Go Fly A Kite"
>
I was looking at this over the weekend and found 38 HF stations with
WIDE,WIDE,WIDE in there path. I also turned on my HF rig and the path was the
same there so it is NOT a local station adding a wide, it is how it is being
sent.

The other supprise is that many of the stations doing this are the long time
HF stations that are on this mail list so it is not a case of new users coming
along and making a mistake.

--

    Bill Northup, N1QPR   EMAIL n1qpr@amsat.org
                   QRP-NE #307
                   NorCal #1027
                   QRP-L #356

From ku0g@sprynet.com Mon Sep 16 14:02:24 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA14811 for <aprssig@tapr.org>; Mon, 16 Sep 1996
14:02:22 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id LAA29555 for <aprssig@tapr.org>; Mon, 16 Sep 1996 11:59:24 -0700
Date: Mon, 16 Sep 1996 11:59:24 -0700
Message-Id: <199609161859.LAA29555@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4740] Mentor Page

You may add me as mentor in Kansas City region.

73 de Jim, KU0G
ku0g@sprynet.com

EMail contacts ONLY.

From ku0g@sprynet.com Mon Sep 16 14:11:31 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA15151 for <aprssig@tapr.org>; Mon, 16 Sep 1996
14:11:29 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id MAA01891 for <aprssig@tapr.org>; Mon, 16 Sep 1996 12:08:41 -0700
Date: Mon, 16 Sep 1996 12:08:41 -0700
Message-Id: <199609161908.MAA01891@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4773] APRS/HSP "Be Prepared"

>In preparing for my trip to Peoria (fly in and rental car) I was going to
>be using a different combination of GPS/TNC and laptop. It would be risky
>to depend on my HSP adapter untested with this combination.
>
>APRS RECOMMENDATION: Everyone with a GPS should add this little GIZMO
>to their bag of tricks so they can operate GPS mobile with ANY TNC, any
>GPS and any LAPTOP. An SPDT switch ALWAYS works. Use a push putton to
>normally pass the TNC data to the PC. WHen you push it, the GPS data is
>switched in. SImply wire a back to back DB-9 with a GPS connection and a
>3 foot wire to the hand held push button and a GPS connector. Put APRS in
>SPM mode.
>
>Whenever you want a posit, push and hold the button for 2 seconds.
>Perfect for marking intersections or landmarks too... Nice to have in
>emergencies when you may be using a strange laptop, or GPS, or TNC...
>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>

The "little GIZMO" SPM Switch is available ready-to-run from Blackjack Antennas.
Cost is $20.00 plus $3.00 s/h. Specify RS-232 connector types for both
laptop and TNC when ordering! Allow 2 - 3 weeks for order processing.... I
have several of these units already built and ready for shipping....

73 de Jim, KU0G
ku0g@sprynet.com

From kb8pff@juno.com Mon Sep 16 15:08:42 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA16709 for <aprssig@tapr.org>; Mon, 16
Sep 1996 15:08:37 -0500 (CDT)
Received: (from kb8pff@juno.com) by x9.boston.juno.com (queuemail)
     id QAC17638; Mon, 16 Sep 1996 16:06:28 EDT

To: aprssig@tapr.org
Subject: Re: Balloon launch 21 Sept!
Message-ID: <19960916.160126.4839.5.kb8pff@juno.com>
References: <Pine.GSO.3.95.960916123906.20963c-100000@arctic>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-5,7-121
From: kb8pff@juno.com (John E Santmire)
Date: Mon, 16 Sep 1996 16:06:28 EDT

Anyone know why they don't use 145.79 freq. in Indianapolis?

They use the 145.79 freq in Illinois balloon launch!
Just wanted to know, I don't have 440!   "BUMBER"

On Mon, 16 Sep 1996 11:52:24 -0500 (CDT) Bob Bruninga
<bruninga@nadn.navy.mil> writes:
>
>1. Pre-launch check in 7 am CDT (Indianapolis time)
>2. Launch time 7:45 am
>3. Flight duration: approximately 3 hours
>4. Camera video frequency: 439.25 MHz (vertical polarity)
>5. Amateur voice repeater FM receiver on 444.85 MHz and 52.525 MHz
>   (6 meters is best). FM transmitter on 144.30 MHz (vertical
>polarity).
>   Note: You need a ham license to transmit.
>6. GPS and amateur packet data info: FM receiver on 446.0 MHz with
>   packet TNC for 1200 BPS
>7. Pre-launch CHECK IN frequency: 2m: 145.37/r, HF: 3871 kc
>
>Web Page: http://klingon.sc.iupui.edu/~pacer/new_augusta/windtrax.html
>
>SUBJECT: NAPA/WindTrax-10 Balloon Experiment FAQ
>   WINDTRAX-10
>   Prime launch date: SAT 21-SEP-96
>
>Flight Director: Chuck Crist, WB9IHS
>Flight Sponsor: New Augusta Public Academy
>
>TIME: 1200-1300 UTC (0700-0800 AM Indy time)
>LAUNCH SITE: 5 mi NW INDY
>
>Pre-Launch Freq:
>   Check-ins (HF) on 3870 +/- 1 kHz, local on 146.97(-)/R
>   Nets will begin at 1130 UTC
>
>Balloon Type: TA-1200 Weather Balloon
>Flight Assembly: 70-ft long consisting of balloon, parachute,
>   crossband repeater, GPS packet & ATV equipment all contained
>   in separate starfoam boxes and connected by 1/8 inch nylon
>   line.
>   Total weight: approx 9 lbs. ATV is heaviest at 4 3/4 lbs.
>

>Flight Package Freqs:
>   Crossband repeater: Down 444.85 & 52.525 MHz FM vertical
>   polarization @ 50 & 100 mW Pout. Up 144.3 MHz FM.
>   GPS Packet: Down 446.0 MHz vert pol @ 750 mW Pout
>   [transmitting GPS "gga" string].
>   ATV: Down 439.25 MHz vert pol @ 1.5 W Pout. [Cable Ch 65]
>   Antennas: All are vertical polarization.
>
>Climb Rate: Approximately 1000 feet per minute.
>Max Altitude: Approximately 100,000 feet AGL.
>Flight Duration: 2 1/2 - 3 hours.
>Flight direction/distance: Approx E to SE of launch site &
>   35-50 miles.
>
>Flight packages:
>
>Crossband Repeater by Paul W9DUU:
>   2m rcvr to 6m & 70cm xmtrs, with voice ID & NiCad power supply.
>   Antennas are 1/2 wavelength wire on top and bottom of self-
>   contained and separate box.
>GPS Packet by Chuck WB9IHS:
>   Garmin GPS rcvr, controlled by PacCom packet TNC & downlinked
>   on Tekk 70 cm xmtr. Self-contained separate box with lithium
>   power system. Antennas are 1/4 wave on 70 cm & strip line
>   1.5 GHz GPS rcvr.
>   Audio beeper is attached to outside of this box.
>ATV by Terry KT9V:
>   Two B&W CCD cameras plus WB8ELK color video IDer board and
>   downlinked on WYMAN ATV xmtr via 1/4 wave vertical antenna.
>   Self-contained in separate box with lithium power. CCS cams
>   are aimed Horizon & Up views and controlled by solid state
>   remote switching.
>
>MISC:
>1. Balloon fill is approx 290 cu ft of helium at surface.
>2. Balloon dia approx 6 1/2 ft at surface & 18 ft dia at 100k ft.
>3. Flight Assy recovery is by DF chase teams.
>4. All Amateurs are welcome to participate.
>5. Parachute is 4 1/2 ft dia by KB9BSV.
>
>FAA DATA REQUIRED by FAR101:
>
>1. BALLOON ID: WINDTRAX-X-96 WB9IHS
>2. LAUNCH DATE: 21-SEP-96 (SATURDAY)
>3. TIME: 1200-1300 UTC
>
>4. LAUNCH SITE: New Augusta Academy, Indianapolis, IN
>   Lat 39.866667 N, Lon 86.233333 W
>   Elevation 800 ft MSL (244m)
>
>5. CRUISING ALT: Max Altitude approx 100,000 feet
>
>6. FORCASTED TRAJECTORY & EST CLIMB TO 60k FT:

>   A. 50 miles SE of launch site, while climbing
>   to 100k ft, then descending to surface by
>   parachute.
>   B. One hour to 60k ft & 90 minutes max altitude.
>
>7. PHYSICAL DESCRIPTION: Balloon is 8 ft diameter weather balloon
>   made by KAYMONT (same used by NWS). Entire
>   flight assembly is 70 ft vertically in length
>   and contains one balloon, one 6-ft parachute &
>   three separate starfoam electronic experiment
>   packages connected by a 1/8 inch nylon line.
>
>8. TOTAL FLIGHT TIME: Three hours, Approx.
>
>9. FORCASTED LANDING TIME & LOCATION:
>   A. 1500-1600 UTC
>   B. Approx 50-60 miles SE of launch site.
>
>
>Web Page: http://klingon.sc.iupui.edu/~pacer/new_augusta/windtrax.html
>
>
>
>
>

From tkealey@mdc.com Mon Sep 16 17:28:54 1996
Received: from unknown (SVMAIL03.MDC.COM [130.38.186.34]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA21485 for <aprssig@tapr.org>; Mon, 16 Sep 1996
17:28:51 -0500 (CDT)
Received: from mdc.com by unknown with SMTP
     (1.37.109.20/16.2) id AA229182921; Mon, 16 Sep 1996 17:28:41 -0500
Received: from GWXSL002-Message_Server by mdc.com
     with Novell_GroupWise; Mon, 16 Sep 1996 17:28:41 -0500
Message-Id: <s23d8e49.029@mdc.com>
X-Mailer: Novell GroupWise 4.1
Date: Mon, 16 Sep 1996 17:27:34 -0500
From: Terrance Kealey <tkealey@mdc.com>
To: aprssig@tapr.org
Subject: [APRSSIG:4755] Re: Garmin 20 and MIN Board

John,

>From the data you provided, it appears that you do not have valid GPS
data. The data shown is from the $GPRMC message and the receiver is
looking for satellites based on a time of 17:25:15 UTC on 15 Sep 1997. I
have seen this type of data transmitted by my GPS-20/MIM when I my
antenna is shaded for more than 30 seconds.

Since your GPS is trying to acquire satellite that are probably not there,
you will need to either reinitialize your time and date (and probably your
position) or give the receiver more time to get a good position fix. Also
make sure your antenna has an unobstructed view of the sky.

73s
Terry, KI0BF

>>> John L. Gafford <JohnLGaf@gnn.com> 09/15/96 01:45pm >>>
I have a Garmin 20 engine tied to a Clement MIM Module per pinouts in documentayion for both units. It all seems to be working OK. The MIM checks out fine with MIC104.EXE software, and when tied to a transciever, the assembly put out beacons(correct BT), andan apparent GPS fix, but of strange format. i.e., <call sign>,172515,V,,,,,,,150997,,?GPS FIX" The Garmin has been on for several hours, and should have acquired a fix, but the NMEA sentence doesn't look right to me. Any ideas, anyone? Is the Garmin 20 working properly? Any help will bw sincerely appreciated.

John N5XAK

From N2ZRC@gnn.com Mon Sep 16 17:39:13 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA21789 for <aprssig@tapr.org>; Mon, 16 Sep 1996 17:39:11 -0500 (CDT)
Received: from 49-175.client.gnn.com. (49-175.client.gnn.com [205.188.49.175]) by mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id SAA21622 for <aprssig@tapr.org>; Mon, 16 Sep 1996 18:38:36 -0400 (EDT)
Message-Id: <199609162238.SAA21622@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 16 Sep 1996 18:37:46
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4753] Re: Tracker symbol!

On Sun, 15 Sep 1996 Robert Winingham replied:

>>... I show up on the map as an Ambulance ...
>
>Bob has a list somewhere in the doc files of another way.

When you use the I(nput)-M(y) command you are asked which symbol you'd like to use immediately after you tell it your latitude & longitude.

Alternately, go to your root directory and look for a file called cfig##.apr (where ## is a number, probably 75b) and open this file with a text editor. The first line of this file will be your POSITion packet. The letter immediately to the right of the W (of West longitude) determines which symbol you'll be on the screen. For a key to which letter is which symbol, see

"SYMBOLS.TXT" in the README folder included with all distribu-
tions of APRS. 73

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From rwf@mindspring.com Mon Sep 16 18:07:30 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA22609 for <aprssig@tapr.org>; Mon,
16 Sep 1996 18:07:25 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id TAA09951 for
<aprssig@tapr.org>; Mon, 16 Sep 1996 19:07:24 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id TAA28834 for
<aprssig@tapr.org>; Mon, 16 Sep 1996 19:07:23 -0400
Message-Id: <2.2.32.19960916231042.006e6974@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 16 Sep 1996 19:10:42 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Poor Bob!

At 11:54 AM 9/16/96 -0500, the APRSmeister wrote:
>Basically, from the biggest east coast net, we can now barely see anyone!
>ARGH!!!

Guess GA, Ala, TN, SC, NC becomes the biggest contiguous APRS net, then!
<smirk>

From schiers@ames.net Mon Sep 16 18:44:42 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA23401 for <aprssig@tapr.org>; Mon, 16 Sep 1996
18:44:40 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609162344.SAA23401@tapr.org>
Received: from [206.29.126.237] by ames.net id 955a0.wrk; Mon, 16 Sep 1996
18:42:52 -0600
Date: Mon, 16 Sep 96 23:43:16 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4774] Re: Washington State!
In-Reply-To: <802857@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.12

In <802857@bbs.ames.net>, on 09/16/96 at 10:49 AM,
aprssig@tapr.org said:

>Hasan, you are almost always the first one I see when the sun comes up,
>and the last one to fade at night.

>Doug
>KC7CO
>Salt Lake City

Thanks for the report Doug. Nice to know things are working
so well. Obviously being in the middle of the country on
30m favors a lot of propagation paths throughout the USA.

73,

hasan schiers, N0AN
---
schiers@ames.net

From schiers@ames.net Mon Sep 16 18:45:06 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA23457 for <aprssig@tapr.org>; Mon, 16 Sep 1996
18:44:59 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609162344.SAA23457@tapr.org>
Received: from [206.29.126.237] by ames.net id 95600.wrk; Mon, 16 Sep 1996
18:43:02 -0600
Date: Mon, 16 Sep 96 23:37:22 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4781] RE: GATE,WIDE,WIDE,WIDE
In-Reply-To: <803014@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.12

In <803014@bbs.ames.net>, on 09/16/96 at 12:50 PM,
   aprssig@tapr.org said:

>On Sun, 15 Sep 1996, Richard Amirault wrote:
>> I see MOST stations coming thru my local GATE with three WIDE's

>APRSdos REPLY/COMMENT: I just looked at my DIGI page on HF (hadnt done
>that in months!) and he is right!   Over 50% of the paths are
>inappropriate.   20% of them are BADNEWS, and 20% are meaningless and go
>no-where...

>VHF stations should not be routinely beaconing via a VHF GATE onto HF. I
>see over two dozen! Is OK for special, or for single packets, but not
>as a rule!

I had some locals trying to do that a few months ago and thanks to the
firmware in the tnc, they were excluded from any digi'ing until they
complied with my path wishes. Worked perfectly. If your firmware supports
it, you can prevent unwanted individual digi'ing...a great feature and
upsets no one...they didn't know what they were doing and as soon as they

read their mail (sometimes it took a week or two), they changed their digi
path away from gate'ing on to hf from vhf. At that point, I took their
call signs out of the digi exclude list and every one was happy.

>We need the HF stations to try to educate these newcommers. PLEASE be
>courteous.

Absolutely...it will work.

73,

hasan schiers, N0AN
---
schiers@ames.net

From KB2SRA@gnn.com Mon Sep 16 18:55:01 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA23825 for
<aprssig@tapr.org>; Mon, 16 Sep 1996 18:54:55 -0500 (CDT)
Received: from 47-140.client.gnn.com. (47-140.client.gnn.com [205.188.47.140]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id TAA26148 for
<aprssig@tapr.org>; Mon, 16 Sep 1996 19:54:22 -0400 (EDT)
Message-Id: <199609162354.TAA26148@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 16 Sep 1996 19:53:58
From: KB2SRA@gnn.com (ANDREW MARHEFKA, JR.)
To: aprssig@tapr.org
Subject: cd rom

Need help? No install instructions came with it.
Have opened a few files and directories.
Looking for an easier way to load this program.
Thank you.
   73 Andy.

From jagrelo@concentric.net Mon Sep 16 19:03:00 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA23903 for <aprssig@tapr.org>; Mon, 16
Sep 1996 19:02:54 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id UAA05073; Mon, 16 Sep 1996 20:01:36 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@concentric.net>
Received: from crc3.pop3.net (cnc059042.concentric.net [206.83.77.42])
     by cliff.cris.com (8.7.5)
     id UAA28046; Mon, 16 Sep 1996 20:02:16 -0400 (EDT)
Message-ID: <323E15E2.4435@concentric.net>
Date: Mon, 16 Sep 1996 20:07:14 -0700
From: Joe Agrelo <jagrelo@concentric.net>

Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4791] Re: Tracker symbol!
References: <199609162238.SAA21622@mail-e2b-service.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arte Booten wrote:
>
> On Sun, 15 Sep 1996 Robert Winingham replied:
>
> >>... I show up on the map as an Ambulance ...
> >
> >Bob has a list somewhere in the doc files of another way.
>
>   When you use the I(nput)-M(y) command you are asked which
> symbol you'd like to use immediately after you tell it your la-
> titude & longitude.
>
>   Alternately, go to your root directory and look for a file
> called cfig##.apr (where ## is a number, probably 75b) and open
> this file with a text editor. The first line of this file will
> be your POSITion packet. The letter immediately to the right
> of the W (of West longitude) determines which symbol you'll be
> on the screen. For a key to which letter is which symbol, see
> "SYMBOLS.TXT" in the README folder included with all distribu-
> tions of APRS. 73

I have it all figured out now, thanks!

And thanks to everyone who replied by personal mail. Problem solved!

73 De Joe N2OOC (new address & phone effective 8/15)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            Agrelo Engineering
        Joe Agrelo/President
    P.O.Box 231 Pattersonville, NY 12137 USA
          ph (518)864-7551 effective 8/15
         fax (518)864-7553 "   "
     mailto:Jagrelo@cris.com
  WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
     based Doppler, talking products and RF.
   Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From dwetzel@slkc.uswest.net Mon Sep 16 19:45:47 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA25166 for <aprssig@tapr.org>; Mon, 16
Sep 1996 19:45:45 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup33.slkc.uswest.net [206.81.132.3])

by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id SAA29142 for
<aprssig@tapr.org>; Mon, 16 Sep 1996 18:45:43 -0600
Message-ID: <323DF4B5.15C4@slkc.uswest.net>
Date: Mon, 16 Sep 1996 18:45:41 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: HF
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is it my imagination, or is the 30m net split into two frequencies about
400 hz apart? The west coast stations (and some others) appear to be on
10.1514 (I have a PK232), with everyone else on 10.1515.

How about if we all take the time to zero beat someone in the middle?
N0AN or KU0G perhaps?

Doug
KC7CO

From jimk@on-ramp.net Mon Sep 16 21:05:45 1996
Received: from ee.net (root@ee.net [206.31.38.3]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id VAA27286 for <aprssig@tapr.org>; Mon, 16 Sep 1996 21:05:43 -0500
(CDT)
From: jimk@on-ramp.net
Received: from 206.230.157.116 (ramp116.on-ramp.net [206.230.157.116]) by ee.net
(8.7.4/8.7.3) with SMTP id WAA19532 for <aprssig@tapr.org>; Mon, 16 Sep 1996
22:04:38 -0400 (EDT)
Date: Mon, 16 Sep 1996 22:04:38 -0400 (EDT)
Message-Id: <199609170204.WAA19532@ee.net>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: RELAY on hf
To: aprssig@tapr.org
In-Reply-To: <960916135534_479856277@emout19.mail.aol.com>
X-Mailer: SPRY Mail Version: 04.00.06.14

On Mon, 16 Sep 1996, Bob Bruninga wrote:

>APRSdos REPLY/COMMENT: The default path for APRSdos is NONE and the
>MYAlias is ECHO. If stations do not hit CONTROLS-BANDS-HF to tell APRS
>they are on HF, however, then APRS does not know it and assumes the
>station is on VHF so uses RELAY...

This *has not* been my experience. True, if you use "CONTROLS-BANDS-HF" to tell
APRS you are on HF, it does change MYAlias to ECHO, but in my experience APRS
defaults to the prior path used on VHF *unless* you manually change it yourself.
So in that respect, I can see how we are seeing all those RELAY and WIDE
stations direct on HF :-)

"SMOP" - Simply A Matter of Programming.

de KG8GE

From etjm@ECUA.NET.ec Mon Sep 16 21:12:47 1996
Received: from ecua.net.ec (ecua.net.ec [157.100.1.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA27401 for <aprssig@tapr.org>; Mon, 16 Sep 1996
21:12:39 -0500 (CDT)
Received: from dial11.ecua.net.ec by ecua.net.ec (AIX 4.1/UCB 5.64/4.04)
          id AA18690; Mon, 16 Sep 1996 21:06:20 -0500
Message-Id: <9609170206.AA18690@ecua.net.ec>
X-Sender: etjm@az.pro.ec
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 16 Sep 1996 20:14:26 -0500
To: aprssig@tapr.org
From: etjm@ECUA.NET.ec (Ing Teodoro Jaramillo M.)
Subject: Re: [APRSSIG:4724] AutoWx

Hello from Ted , tried to direct your msg to a direct address.. but it
has been returned as   "unknown" i assume i made the mistake on the
address... which now tht i see it it is sort of confusing for the
typing..... i see it as

1cb911@apex2000.net with numerals   one (1)   but it could also be

 lcb9ll@apex2000.net   with letter (l for lima) and the sytem seems to
trhow it as unknow.....

i need to discuss and ask some questions on the   "AUTOWX SOFTWARE"
if you do not mind...so drop me a direct   e-mail to

etjm@az,pro.ec

thanks a lot indeed. apologize for the trouble...

Ted   HC5K

>
>The new version of AutoWx (supporting the new APRS wx beacon format)
>has been uploaded to the ftp site.
>
>The file, AW2K40A.ZIP can be found at the tapr/software_lib/upload
>directory until it is moved to the tapr/software_lib/weather
>directory.
>
>(AutoWx is a dedicated packet/weather program for logging weather values
>from Ultimeter home weather stations. It does NOT replace APRS but is used
>successfully with APRS in many areas.)
>
>Version 4x does not require a weather station to be attached.
>

>Please direct questions/comments about AutoWx via email to me - not the APRS
>SIG.
>
>
>

From w4wwq@juno.com Mon Sep 16 23:38:45 1996
Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA01362 for <APRSSIG@tapr.org>; Mon, 16
Sep 1996 23:38:43 -0500 (CDT)
Received: (from w4wwq@juno.com) by x3.boston.juno.com (queuemail)
     id XAD11679; Mon, 16 Sep 1996 23:43:20 EDT
To: APRSSIG@tapr.org
Date: Mon, 16 Sep 1996 21:43:54 PST
Subject: MindSpring not playing fair
Message-ID: <19960916.214414.5215.4.W4WWQ@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-3,7-10,13-14,17-18,21-22,25-28
From: w4wwq@juno.com (Peter J Lascell)

WARNING!

Don't let MINDSPRING bill you for services you don't use.

I got a letter from them because the bought out PIPELINE (PSINet)
earlier this summer. They wanted to get my preferences before they set
up my new account at MindSpring because the PIPELINE account was
closing.

Whoa Wait a Minute!

My PIPELINE account was closed months ago during the trial period, and
there was never any billing, UNTIL TILL THIS CREDIT CARD CYCLE. Now I
am being billed for August 96 service.

Read the letter from MindSpring carefully. If you don't respond by
September 30, 1996, MindSpring will set default values for you and
assign what they want for a LOGON name.

This may not be directly APRS related, but a number of us on the SIG have
had PSINet/PIPELINE and are current MindSpring users. A word to the
wise.

I hope this won't affect too many, but I have knowledge that the same
rip-off story was mailed (and billed to credit cards) to others in my
own area here in Virginia.

Pete Lascell
W4WWQ

From z004391b@bcfreenet.seflin.lib.fl.us Tue Sep 17 05:45:48 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA13864 for

<aprssig@tapr.org>; Tue, 17 Sep 1996 05:45:42 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id GAA16617; Tue, 17 Sep 1996 06:45:00 -0400
Date: Tue, 17 Sep 1996 06:44:59 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:4707] Solution to Intermod Problem
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <3239E895.2BD5@y100.com>
Message-ID: <Pine.3.89.9609170629.A13648-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been successfully using one of these since the Miami Hamfest.
Excellent.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Fri, 13 Sep 1996, Mark Humphrey wrote:

> I recall there was a thread going a few months ago about intermod problems, but haven't
> heard much about this lately. I picked up a PAR Electronics model VHFDN152 2 meter
> "Intermod Filter" last weekend at the FARfest in Gaithersburg, and want to report it
> fixed my intermod problem, especially on the 145.79 APRS frequency.
>
> My mobile rig is a Kenwood TM-733, which I chose due to dashboard space constraints.
> Although I'm generally happy with its features, the intermod rejection on 2 meters is
> poor. The "AIP" feature (which reduces the gain of the first RF stage) doesn't make
> much improvement.
>
> I use this rig frequently for mobile APRS, however I've had severe paging interference
> on 145.79 (although many other amateur 2m frequencies were clean). Within a couple
> miles of most of the local commercial tower sites, the interference was so bad it would
> hold the DCD for several minutes and prevent my position packets from being sent.
> Further investigation explained why 145.79 was being hit so hard...
>
> Two of the "RC Paging" frequencies assigned to Radio Common Carriers in the Philadelphia
> metro (and most other cities) are 152.24 and 158.70. When these frequencies mix in a

> receiver's front end, one of the third order intermod products is 145.78, just
10 kHz
> down from the APRS channel.
>
>   (2 X 152.24) - 158.7 = 145.78
>
> Note that the deviation on the lower frequency is doubled, since its second
harmonic is
> what actually mixes with the higher frequency to generate the product. Assuming
5 kHz
> peak deviation from each paging transmitter, the effective deviation of the
product is
> 15 kHz, which easily spills over to 145.79. The "overdeviation" causes the
modulation
> of the product to sound distorted and obnoxious, not to mention that paging
signals are
> square waves to begin with.
>
> According to the curves, the PAR filter provides a deep notch (nearly -55 dB) at
152.4
> and appears to exceed 35 dB attenuation from 152.0 to 153.0 MHz.   That easily
takes out
> the lower paging frequency and eliminates the intermod. Below the notch at
145.79, the
> insertion loss is less than 0.3 dB, and even at the "worst-case" amateur
frequency,
> 148.0, a loss of only 0.6 dB is claimed, which is comparable to most bandpass
filters.
> The loss above the notch frequency is greater, about 4 dB at 160 MHz, but that
still
> lets me listen to NOAA WX, the Broadcast RPU channels, etc. Loss across the
440-450
> band is about 0.2 dB, and it will handle 50 watts without melting down.
>
> So if you're having paging intermod problems on 145.79, you might want to
consider one
> of these. I was skeptical until I tried it. The manufacturer is PAR
Electronics, 6869
> Bayshore Drive, Lantana FL 33462.
>
>   73, Mark Humphrey N2CHV
>   WPLY-FM Philadelphia
>

From bruninga@nadn.navy.mil Tue Sep 17 09:03:14 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA17906 for <aprssig@tapr.org>; Tue, 17
Sep 1996 09:03:08 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA29678; Tue, 17 Sep 1996 10:07:47 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 17 Sep 1996 10:07:47 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic
To: aprssig@tapr.org
cc: gwyn@paccomm.com
Subject: HF Paths?
In-Reply-To: <Pine.GSO.3.95.960916162102.6279B-100000@arctic>
Message-ID: <Pine.GSO.3.95.960917093315.23863A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

CHecked HF paths today and of the 30 or so questionable baths, only one
was active and on the air. So apparently all the rest were just mistakes
or one time tests. The one was a mobile-9 in Kansas city using the
path of RELAY,WIDE,GATE,WIDE.   An OPS-REPLAY shows he has traveled more
than 60 miles so he is probably on a special trip and I HAVE NO PROBLEM
WITH HIS INTENT. This is just a good eample to make some comments.

1) PACKET LENGTH. Packet success is inversly proportional to length. A
minimum posit takes about 50 bytes. Each digi hop you add requires 7 more
bytes. Using 4 hops will reduce your success rate by over 50% !

2) He needs to be informed that the final WIDE is accomplishing nothing

3) If he meant to use R,W,G,G,W, then his success rate is reduced by 70%

These reductions in success ARE AT EVERY HOP!

Another way of looking at it is that this packet is carrying 35 bytes of
position info, 15 bytes of overhead, and 35 bytes of digipeat info...

(Thats another reason for the WIDE-N algorithm! WIDE-5 will only add
7 bytes to the packet, instead of 35!)

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From schiers@ames.net Tue Sep 17 09:07:48 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA18015 for <aprssig@tapr.org>; Tue, 17 Sep 1996
09:07:11 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609171407.JAA18015@tapr.org>
Received: from [206.29.126.237] by ames.net id 48a10.wrk; Tue, 17 Sep 1996
09:05:02 -0600
Date: Tue, 17 Sep 96 13:40:08 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4786] Re: RE: GATE,WIDE,WIDE,WIDE
In-Reply-To: <803943@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.12

In <803943@bbs.ames.net>, on 09/17/96 at 08:12 AM,
   northup@sw.stratus.com said:

>>

>> In <803215@bbs.ames.net>, on 09/16/96 at 03:20 PM,
>>   aprssig@tapr.org said:
>>
>> >The other supprise is that many of the stations doing this are the long
>> >time HF stations that are on this mail list so it is not a case of new
>> >users coming along and making a mistake.
>>
>> I hope I'm not one of the "long time" stations on hf that you are
>> referring to. If so, please let me know. 73,
>>
>> hasan schiers, N0AN
>> ---
>> schiers@ames.net
>> ---
>>
>>

>Yup you are showing up as GATE,WIDE,WIDE,WIDE here.

>   Bill

Then something is seriously wrong somewhere. I just checked my unproto at both the software (program) and tnc level and my unproto path is set to GATE,WIDE on HF and WIDE,WIDE,WIDE on VHF. I also looked in my history file for all transmissions that I originate and all HF transmissions show GATE,WIDE.

Further, I examined my entire history file and NO ONE has digipeated thru me with a GATE in their unproto, so I am not gateing any vhf packets to hf.

How then, could I be showing up as GATE,WIDE,WIDE,WIDE as Bill noted above?

I am beginning to suspect that APRS is showing something that is not happening, or WinAPRS is lying to me about my packets. I have no indepedent way to monitor my hf packets to verify that what the program is set for and what the tnc is set for and what my outgoing screen is showing me is "accurate", but my gut feeling is that indeed all my hf packets are going out no more than GATE, WIDE as they leave my station.

So, Bob...or anyone else with an opinion...what is going on?

Keep in mind, someone on the list observed that "many long time hf stations who should know better are sending out gate,wide,wide,wide". I find that very hard to believe, unless there is a software anomoly causing it. Obviously, I know better, am set properly and yet Bill is convinced by what he sees on his screen that my packets are going out on hf GATE,WIDE,WIDE,WIDE.

(I'm not taking issue with you here, Bill...I am TOTALLY mystified, because Bob's recent message of yesterday said he was seeing the same thing and that it was all wrong.)

If I'm not doing it, and my users aren't even using a GATE command, where is this GATE,WIDE,WIDE,WIDE stuff coming from that seems to be attached to my call? (And the calls of many others, from the reports we are seeing on the SIG) 73,

hasan schiers, N0AN
---
schiers@ames.net

From n8chb@juno.com Tue Sep 17 09:48:49 1996
Received: from x2.boston.juno.com (x2.boston.juno.com [205.231.101.21]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA19121 for <aprssig@tapr.org>; Tue, 17 Sep 1996 09:48:41 -0500 (CDT)
Received: (from n8chb@juno.com) by x2.boston.juno.com (queuemail) id KAA12660; Tue, 17 Sep 1996 10:48:32 EDT
To: aprssig@tapr.org
Date: Tue, 17 Sep 1996 14:46:15 PST
Subject: Re: [APRSSIG:4797] HF
Message-ID: <19960917.144619.6710.0.n8chb@juno.com>
References: <323DF4B5.15C4@slkc.uswest.net>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-20,22-39
From: n8chb@juno.com (Roger Breckon)

On Mon, 16 Sep 1996 19:59:07 -0500 (CDT) Doug Wetzel <dwetzel@slkc.uswest.net> writes:
>Is it my imagination, or is the 30m net split into two frequencies
>about
>400 hz apart? The west coast stations (and some others) appear to be
>on
>10.1514 (I have a PK232), with everyone else on 10.1515.
>
>How about if we all take the time to zero beat someone in the middle?
>
>N0AN or KU0G perhaps?
>
>Doug
>KC7CO
>
>
==========
I believe what you say is correct.
Here is a suggestion of how I have somewhat solved this problem.

Pick 3 hf stations in 3 different areas. I often use (please excuse me using
exact calls) VE2JOR, W7LUS, and KF0ZH
1. temporary set my path to one of them.
    a. VE2JOR, GATE
    b. send a beacon or Ping

    c. tune up freq until I get no return
    d. do same tuning down
    e. set my vfo between the two settings.

Thanks for the space on the ssig.

73

Roger n8chb

From schiers@ames.net Tue Sep 17 10:12:05 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA19637 for <aprssig@tapr.org>; Tue, 17 Sep 1996
10:12:03 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609171512.KAA19637@tapr.org>
Received: from [206.29.126.237] by ames.net id 51380.wrk; Tue, 17 Sep 1996
10:09:48 -0600
Date: Tue, 17 Sep 96 14:54:18 -0500
To: aprssig@tapr.org
Subject: GATE,WIDE,WIDE,WIDE hallucinations?
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.12

Methinks our software is hallucinating. After seeing comments about 30+
stations sending GATE,WIDE,WIDE,WIDE on HF, one of whom is supposed to be
me, I tried to verify what was going on. I am sorry to report, that I
can't verify that ANYONE is sending GATE,WIDE,WIDE, WIDE on HF.

Note excerpts below from yesterday's 595K history file:

(p1 refers to port 1 hf on an AEA DSP 2232)

p1 KF0ZH>W7LUS*>GATE>WIDE>APRS:@161533z4447.06N/09

p1 N0AN*>GATE>WIDE>APRSW:?APRS?
         ^^^^^^^^^^

p1 N0AN*>GATE>WIDE>APRSW:@161423z4158.25N/09333.36
         ^^^^^^^^^^

p1 VE2AW*>APRS:@161440z4533.24N/07314.02W-Gerr
p1 N0AN*>GATE>WIDE>APRSW:@161424z4158.25N/09333.36
p1 KB2LML*>APRS:@161426z4500.09N/07324.15W&[FN35ha
p1 KB2LML*>APRS:@081902/APRS 7.6d on line.
p1 W7LUS-14*>GATE>WIDE>APRS:@160330z Atl>home>Jasp
p1 KC4HCH*>ID:KC4HCH/R RELAY/D GATE/G KC4HCH-1/B
p1 N0AN*>GATE>WIDE>APRSW:?WX?
p1 N0AN*>GATE>WIDE>APRSW:@161426z4158.25N/09333.36
p1 N2CZF*>GATE>WIDE>APRS:@220128zhttp://www.magg.n
p1 W6PNC-7*>GATE>WIDE>APRS:A7RZW   :hey joh...r u

p1 N4WYK*>GATE>WIDE>APRS:@172134/APRS 7.6d on line
p1 N2CZF*>GATE>WIDE>APRS:@151427z2654.78N/08014.49
p1 VE3NEC*>GATE>WIDE>BEACON:/151719/4339.10N/07956
p1 VE2AW*>APRS:@161444z4533.24N/07314.02W-Gerry in
p1 W1ON-3*>W7LUS>GATE>WIDE>WIDE>APRS:!4230.27N/071

p1
N0AN*>GATE>WIDE>APRSW:@161502z4158.25N/09333.36W_060/001/T058/R000/P000/B0
         ^^^^^^^^^^

I searched an entire 595K history file for any packet containing:

GATE>WIDE>WIDE>WIDE   and got nothing.

I searched the entire file for WIDE,WIDE,WIDE on port 1 and got nothing.

I then searched for GATE>WIDE>WIDE and got the following:

p1 W1ON-3*>W7LUS>GATE>WIDE>WIDE>APRS:!4230.27N/07114.43W&BOSTON GATEWAY
[30M< p1 W1ON-3>W7LUS*>GATE>WIDE>WIDE>APRS:BLN1   :PORT DEFINITIONS:
APRS [6=10.1 p1 W1ON-3>W7LUS*>GATE>WIDE>WIDE>APRS:BLN1   :PORT
DEFINITIONS: APRS [6=10.1 p1 W1ON-3>W7LUS*>GATE>WIDE>WIDE>APRS:BLN2
:STATs 6H>3V 1531 [47/hr] 3V>6H p1
W1ON-3*>W7LUS>GATE>WIDE>WIDE>APRS:!4230.27N/07114.43W&BOSTON GATEWAY [30M<

As you can see from the info excerpted from the file, the vast, vast
majority are set GATE>WIDE, which from what I have been told is correct.

So, if there REALLY are so many stations ACTUALLY sending out unproto

GATE,WIDE,WIDE,WIDE on hf....why don't they show up in a 595K history
file? This file has over 7000 lines of APRS packets and is from about a 36
hour period. Any ideas?

At this point, I don't believe I am sending out any HF packets
GATE,WIDE,WIDE, WIDE, despite what some people are seeing from their
software. I also doubt whether any significant number of others are doing
it either. One way or another, someone's software is lying to them, we are
misinterpreting what our software is showing us, or we have all been
infected by some brain softening virus ...

I hope we find out. If I am contributing to a mess, I wanna stop...but at
this point, I can't find any information that supports that assumption.

73,

hasan schiers, N0AN
---
schiers@ames.net

From bruninga@nadn.navy.mil Tue Sep 17 10:50:28 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA21168 for <aprssig@tapr.org>; Tue, 17 Sep 1996 10:50:26 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id LAA18584 for <aprssig@tapr.org>; Tue, 17 Sep 1996 11:55:28 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 17 Sep 1996 11:55:28 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4803] Re: RE: GATE,WIDE,WIDE,WIDE
In-Reply-To: <199609171407.JAA18015@tapr.org>
Message-ID: <Pine.GSO.3.95.960917115107.23863N-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 17 Sep 1996 schiers@ames.net wrote:

> >> I hope I'm not one of the "long time" stations...
> >
> > >Yup you are showing up as GATE,WIDE,WIDE,WIDE here.
> > > Bill
> >
> > Then something is seriously wrong somewhere.

APRSdos REPLY/COMMENT: No, I see N0AN as GATE,WIDE as expected. I saw lots of bad paths but I never saw any with G,W,W,W as discussed. What software are stations using when they are seeing others as G,W,W,W..?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Tue Sep 17 10:54:00 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA21292 for <aprssig@tapr.org>; Tue, 17 Sep 1996 10:53:57 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id LAA19097 for <aprssig@tapr.org>; Tue, 17 Sep 1996 11:58:56 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 17 Sep 1996 11:58:56 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4804] Re: HF
In-Reply-To: <19960917.144619.6710.0.n8chb@juno.com>
Message-ID: <Pine.GSO.3.95.960917115633.23863O-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 17 Sep 1996, Roger Breckon wrote on how to zero beat HF stations.

> Pick 3 hf stations in 3 different areas. I often use ... VE2JOR...

> 1. temporary set my path to one of them.
>   a. VE2JOR, GATE
>   b. send a beacon or Ping
>   c. tune up freq until I get no return
>   d. do same tuning down
>   e. set my vfo between the two settings.

APRSdos REPLY/COMMENT: Good suggestion, but please leave off the GATE.
Why have every one of your test packets repeated on every VHF network in
the country, hi hi

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From KSwaggart@aol.com Tue Sep 17 11:54:16 1996
Received: from emout11.mail.aol.com (emout11.mx.aol.com [198.81.11.26]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA23538 for <aprssig@tapr.org>; Tue, 17
Sep 1996 11:54:14 -0500 (CDT)
From: KSwaggart@aol.com
Received: by emout11.mail.aol.com (8.6.12/8.6.12) id MAA11555 for
aprssig@tapr.org; Tue, 17 Sep 1996 12:53:44 -0400
Date: Tue, 17 Sep 1996 12:53:44 -0400
Message-ID: <960917125342_524391389@emout11.mail.aol.com>
To: aprssig@tapr.org
Subject: Help w/ commercial UHF radio

Hi APRSers,

This is not directly related to APRS, but I don't know who else to ask.

 I have a bunch (about a dozen) Midland Model 70-530B UHF-FM commercial
radios I want to reprogram to the local 440 repeater freqs. They use a UV
erasable EPROM to set the channels. I have access to a PROM programmer, and
am looking for the software or format to reprogram these things to the ham
freqs.

Anyone have any ideas, or to what ham newsgroup I should direct this question
to?

These things were free, so if they can't be reprogrammed I guess they end up
in the
dumpster, where they were originally headed!

Please reply directly to me at kswaggart@aol.com so as not to add more
non-APRS messages to the SIG (than I already have)!

73, de Ken, W7KKE
kswaggart@aol.com

From n8chb@tir.com Tue Sep 17 12:06:34 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id MAA24017 for <aprssig@tapr.org>; Tue, 17 Sep 1996 12:06:32 -0500
(CDT)

Received: from n8chb.tir.com (an26liv.tir.com [205.218.84.28]) by tir.com
(8.7.5/8.7) with SMTP id NAA27908 for <aprssig@tapr.org>; Tue, 17 Sep 1996
13:01:07 -0400 (EDT)
Message-ID: <323ECC4E.41D4@tir.com>
Date: Tue, 17 Sep 1996 17:05:34 +0100
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4807] Re: HF
References: <Pine.GSO.3.95.960917115633.23863O-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>
> On Tue, 17 Sep 1996, Roger Breckon wrote on how to zero beat HF stations.
>
> > Pick 3 hf stations in 3 different areas. I often use ... VE2JOR...
> > 1. temporary set my path to one of them.
> >   a. VE2JOR, GATE
> >   b. send a beacon or Ping
> >   c. tune up freq until I get no return
> >   d. do same tuning down
> >   e. set my vfo between the two settings.
>
> APRSdos REPLY/COMMENT: Good suggestion, but please leave off the GATE.
> Why have every one of your test packets repeated on every VHF network in
> the country, hi hi
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
==========

You are correct Bob,

I thought I needed GATE in there too but the CALL should be enough
to digipeat back.

Thanks,

Roger n8chb

From tkealey@mdc.com Tue Sep 17 12:33:08 1996
Received: from unknown (SVMAIL03.MDC.COM [130.38.186.34]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA24868 for <aprssig@tapr.org>; Tue, 17 Sep 1996
12:33:06 -0500 (CDT)
Received: from mdc.com by unknown with SMTP
     (1.37.109.20/16.2) id AA123951578; Tue, 17 Sep 1996 12:32:59 -0500
Received: from GWXSL002-Message_Server by mdc.com
     with Novell_GroupWise; Tue, 17 Sep 1996 12:32:57 -0500
Message-Id: <s23e9a79.047@mdc.com>

X-Mailer: Novell GroupWise 4.1
Date: Tue, 17 Sep 1996 12:31:14 -0500
From: Terrance Kealey <tkealey@mdc.com>
To: aprssig@tapr.org
Subject: MIC Encoder Velocity

I recently finished wiring the MIC Encoder circuitry into my MIM/GPS-20
box. The position, heading, and switch info appears to be accurate, but
I am getting extremely large velocities reported on the APRS display.
When I was stationary, the velocity was displayed as 140 knots and I
have seen speeds go as high as 250. When I was driving at about 40
mph, the speed was displayed as 450.

I have seen this happen on versions 76d and 77b of APRS (the only
current versions I have). When I was stationary, data output by the
GPS-20 indicated that velocity was 1.0 knots, 6 satellites were being
tracked, with a PDOP of 2.2. I am using the MIM 1.04 with MIC 1.01
software.

Data received at the home station was:
     KI0BF-5>S8TX4S-1/Vv.F* />

When I hooked the car icon, the following info was displayed:
   Pos:@142025/3848.43N/09018.42W>019/140/MIC/M2/In Service..

I was wondering if anyone else has seen this problem of large
velocities when using the MIC Encoder?

73s
Terry, KI0BF

From bruninga@nadn.navy.mil Tue Sep 17 14:09:09 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA28238 for <aprssig@tapr.org>; Tue, 17
Sep 1996 14:09:05 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id PAA01815 for <aprssig@tapr.org>; Tue, 17 Sep 1996
15:14:05 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 17 Sep 1996 15:14:05 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4810] MIC Encoder Velocity
In-Reply-To: <s23e9a79.047@mdc.com>
Message-ID: <Pine.GSO.3.95.960917151008.6738C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 17 Sep 1996, Terrance Kealey wrote:

> I recently finished wiring the MIC Encoder circuitry into my MIM/GPS-20
> box. The position, heading, and switch info appears to be accurate, but

> I am getting extremely large velocities reported on the APRS display.
>
> Data received at the home station was:
>   KI0BF-5>S8TX4S-1/Vv.F* />
>
> When I hooked the car icon, the following info was displayed:
>   Pos:@142025/3848.43N/09018.42W>019/140/MIC/M2/In Service..

APRSdos REPLY/COMMENT: ARGH!!! Instead of a course of 019 and speed of
140 could you have been doing a course of 140 and a speed of 19? The RMC
format is reversed from the APRS format. and APRS is supposed to correct
for it. Please confirm, and ill fix it in APRS version xxx... hi hi

Come to think of it, most of my testing has been done stationary!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From dpendry@mail.telis.org Tue Sep 17 14:12:03 1996
Received: from homeroom.telis.org (homeroom.telis.org [204.71.75.151]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA28269 for <aprssig@tapr.org>; Tue, 17 Sep 1996
14:12:01 -0500 (CDT)
Received: from s17-pm06-ontro-t.telis.org (s17-pm06-ontro-t.telis.org
[206.96.138.76]) by homeroom.telis.org (8.7.5/8.7.3) with SMTP id MAA12392 for
<aprssig@tapr.org>; Tue, 17 Sep 1996 12:09:36 -0700 (PDT)
Date: Tue, 17 Sep 1996 12:09:36 -0700 (PDT)
Message-Id: <2.2.16.19960917185216.1ab79456@mail.telis.org>
X-Sender: dpendry@mail.telis.org
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Don Pendry <dpendry@mail.telis.org>
Subject: subscribe

subscribe
Amateur Radio Station N6AER
Don Pendry
PO Box 452
Joshua Tree, California 92252
dpendry@telis.org

From hwm@netcom.com Tue Sep 17 14:22:04 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom10.netcom.com [192.100.81.120]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA28627 for <aprssig@tapr.org>; Tue, 17
Sep 1996 14:21:58 -0500 (CDT)
Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id
MAA00095 for <aprssig@tapr.org>; Tue, 17 Sep 1996 12:22:05 -0700
Date: Tue, 17 Sep 1996 12:22:05 -0700 (PDT)
From: Bob Lorenzini <hwm@netcom.com>
Reply-To: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4808] Help w/ commercial UHF radio

In-Reply-To: <960917125342_524391389@emout11.mail.aol.com>
Message-ID: <Pine.LNX.3.95.960917121910.89B-100000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

  If you are unable to locate the software, don't junk the radios. They are well worth the small fee a commercial radio shop will charge to program them.

Bob - wd6dod

From epdkr@hurricane.net Tue Sep 17 16:22:12 1996
Received: from wind.hurricane.net (root@wind.hurricane.net [199.217.78.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA01860 for <aprssig@tapr.org>; Tue, 17 Sep 1996 16:22:10 -0500 (CDT)
Received: from default (ip-brm-56.hurricane.net [199.217.78.156]) by wind.hurricane.net (8.7.4/8.6.12) with ESMTP id OAA21227 for <aprssig@tapr.org>; Tue, 17 Sep 1996 14:01:16 -0700 (PDT)
Message-Id: <199609172101.OAA21227@wind.hurricane.net>
From: "Tom Devine" <epdkr@hurricane.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4752] Re: Washington State!
Date: Tue, 17 Sep 1996 14:08:54 -0700
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

In addition, there is an APRS HomePage. Right now the home page is located at:

    http://hurricane.net/~epdkr/aprs.htm

This location will change as soon as I find the time to relocate it to my new
domain: www.eyephrase.com. This change may take a few days, so in the mean time please use the 1st address listed above!

During the first week or so of October, I will also be adding a KAM+ to the station
for cross band, i.e., 30m and 2 meter APRS. APRS on two meters in Seattle is
145.79. I have on occasion been monitoring this channel, but not much activity. Hope this changes with the addition of the KAM!

73! de Tom, KC7DRX & Debbie, KC7FYA

> From: RGervenack@aol.com

> To: aprssig@tapr.org
> Subject: [APRSSIG:4752] Re: Washington State!
> Date: Sunday, September 15, 1996 11:15 AM
>
> There sure is. A couple new ones ever month, usually 145.79.
> There are 0ver 20 stations on my list.
> I am not on 30 meters right now - computer problem.
> Give us a shout on 2 meters and or land line i 206-788-1497.
> 73 Gervie, W7FEN.
>

From schiers@ames.net Tue Sep 17 17:14:21 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA03577 for <aprssig@tapr.org>; Tue, 17 Sep 1996
17:14:19 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609172214.RAA03577@tapr.org>
Received: from [206.29.126.237] by ames.net id 897b1.wrk; Tue, 17 Sep 1996
17:11:56 -0600
Date: Tue, 17 Sep 96 21:29:20 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4803] Re: RE: GATE,WIDE,WIDE,WIDE
In-Reply-To: <804152@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.12

In <804152@bbs.ames.net>, on 09/17/96 at 10:56 AM,
   n8chb@tir.com said:

>I don't know but I am not seeing all the WIDE's that everyone is talking
>about, and your definatly not sending them.

>Could it be a program?

This reply to me is typical of about five I have received.

It is pretty apparent that I am NOT sending anything out
on hf GATE,WIDE,WIDE,WIDE. All my packets are going out
GATE,WIDE and that's it.

Bill...if you are still reading the sig, what software are
you running that shows this path? Please post the relevant
lines from a history file showing the problem.

Bob (apr) says he has seen NO GATE,WIDE,WIDE,WIDEs at all,
but sees plenty of screwy paths. (And mine is NOT one of
them).

Since you reported seeing mine weirded out, how 'bout posting the packet
and letting us know what software you are using. It sure looks like a
program bug at this point.

Several WinAPRS users have told me they don't see any such
problem on me or anyone else. If you are running dosAPRS,

maybe that would be a starting point.

73,

hasan schiers, N0AN
---
schiers@ames.net

From N2ZRC@gnn.com Tue Sep 17 17:27:30 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA03876 for
<aprssig@tapr.org>; Tue, 17 Sep 1996 17:27:28 -0500 (CDT)
Received: from 9-51.client.gnn.com. (9-51.client.gnn.com [205.188.9.51]) by mail-
e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id SAA22952 for <aprssig@tapr.org>;
Tue, 17 Sep 1996 18:26:54 -0400 (EDT)
Message-Id: <199609172226.SAA22952@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 17 Sep 1996 18:26:34
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4783] Re: New WIDE-RELAY in Harrisburg PA

On Mon, 16 Sep 1996 Bob Bruninga wrote:

> My APR-1 digi is down. Killing our area, and Gate
> The PAX River digi is down severing south maryland
> The Charlottsville DIGI is donw cutting off central VA
> WA4TSC-1 is down, killing northern VA.
>
>Basically, from the biggest east coast net, we can now
> barely see anyone!

Boy, tell us about it! One of the key DIGI's in our area,
WA2JNF-4, is also down. I usually fill up all six pages quick-
ly, but I'm lucky to get to four. Sure hope these DIGIs'll be
up by the first weekend in October for my ROAD TRIP! 73

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From cbuttsch@slonet.org Tue Sep 17 17:42:51 1996
Received: from spork.callamer.com (cbuttsch@spork.callamer.com [199.74.141.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA04361 for <aprssig@tapr.org>; Tue, 17
Sep 1996 17:42:47 -0500 (CDT)
Received: from localhost (cbuttsch@localhost) by spork.callamer.com (8.7.5/8.7.3)
with SMTP id PAA25717 for <aprssig@tapr.org>; Tue, 17 Sep 1996 15:39:12 -0700

(PDT)
Date: Tue, 17 Sep 1996 15:39:12 -0700 (PDT)
From: Clifford Buttschardt <cbuttsch@slonet.org>
X-Sender: cbuttsch@spork.callamer.com
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4813] Re: Help w/ commercial UHF radio
In-Reply-To: <Pine.LNX.3.95.960917121910.89B-100000@mm.wd6dod.ampr.org>
Message-ID: <Pine.GSO.3.95.960917153307.20372B-100000@spork.callamer.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There have been a number of comments regarding the Garmin 20 and the power supply requirements needed. I, too, have had a terrible time using most home supplies even with large 2000 ufd caps on the output of the 5 volt regulator. Apparently, one must turn the unit on from a stiff five volt supply, not necessarily turn on a supply in which a large capacitor needs to be charged. Can anyone confirm this?
Another question of interest----is the five volts on the antenna lead isolated to the input of the receiver at 1575 MHz? In other words, can I use a MMIC at the base of an antenna and expect the Garmin 20 to sort out the DC from the RF signal? I suspect so! Cliff Buttschardt K7RR

From wa8inz@cris.com Tue Sep 17 18:34:32 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA06240 for <aprssig@tapr.org>; Tue, 17 Sep 1996 18:34:18 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(%D% %I%))
id TAA26688; Tue, 17 Sep 1996 19:33:25 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc802206.concentric.net [206.173.113.206])
by cliff.cris.com (8.7.5)
id TAA13421; Tue, 17 Sep 1996 19:34:11 -0400 (EDT)
Message-ID: <323F518E.1B2@cris.com>
Date: Tue, 17 Sep 1996 18:34:06 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Logo Page
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those of you that want an APRS logo I have added a page to my Web site but it's just a standlone page (Cannot be accessed from the Main APRS index page). The logo is in full color (JPG) format and can be used for whatever you want to use it for Hi. All i ask that it will not be used for Profit and is reflected so on the web page. The address is below. I'm going to work on a couple more because there are those that still want the packet instead of position reporting in the logo.

http://www.concentric.net/~wa8inz/LOGO.HTM
--

wa8inz@amsat.org
wa8inz@cris.com
Check out my A.P.R.S Web Page.
THANKS TO THOSE MENTOR VOLENTEERS
Also check out my WA8INZ Home page.

http://www.concentric.net/~wa8inz

From henryvb@dpliv.com Tue Sep 17 18:50:07 1996
Received: from pcweb.dpliv.com (pcweb.dpliv.com [206.31.254.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA06678 for <aprssig@tapr.org>; Tue, 17 Sep 1996
18:49:58 -0500 (CDT)
Received: from ns.dpliv.com ([206.31.254.226]) by pcweb.dpliv.com (8.7.4/8.6.9)
with SMTP id SAA17085; Tue, 17 Sep 1996 18:54:12 -0500
Message-ID: <323F2F60.47DD@dpliv.com>
Date: Tue, 17 Sep 1996 18:08:17 -0500
From: henryvb <henryvb@dpliv.com>
Reply-To: henryvb@dpliv.com
Organization: Who's got time to get organized?
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
CC: kb8pff@juno.com
Subject: Re: Re: Balloon launch 21 Sept!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Anyone know why they don't use 145.79 freq. in Indianapolis?
>
> They use the 145.79 freq in Illinois balloon launch!
> Just wanted to know, I don't have 440!   "BUMBER"

Probably because they are using a UHF TEKK data radio. Sacrificial and
not too expensive.

Henry

From edwardwr@inil.com Tue Sep 17 19:06:54 1996
Received: from mail.inil.com (inil.com [206.31.32.8]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA07335 for <aprssig@tapr.org>; Tue, 17 Sep 1996
19:06:50 -0500 (CDT)
Received: from edwardwr ([206.31.32.52]) by mail.inil.com
          (post.office MTA v2.0 0813 ID# 217-13549) with SMTP id AAA188
          for <aprssig@tapr.org>; Tue, 17 Sep 1996 19:12:25 -0500
X-Sender: edwardwr@inil.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org
From: edwardwr@inil.com (edwardwr)
Subject: Digest Mode
Date: Tue, 17 Sep 1996 19:12:25 -0500
Message-ID: <19960918001224742.AAA188@edwardwr>

Anyone know the command syntax to subscribe in digest mode? "help" command
to listproc@tapr.org fails to show it.

73
Ed Rogers (Blackhorse 830)
N9LCI
S/V SAOIRSE

MESSAGE OF THE MONTH

"For it's Tommy this and Tommy that and chuck him out the brute....
but He's the savior of his country when the guns begin to shoot"

Rudyard Kipling

From kc7lsp@juno.com Tue Sep 17 19:55:38 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA08581 for <aprssig@tapr.org>; Tue, 17
Sep 1996 19:55:36 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail)
     id TAB02944; Tue, 17 Sep 1996 19:24:49 EDT
To: aprssig@tapr.org
Subject: APRS @ PCMCIA
Message-ID: <19960917.153244.4495.2.KC7LSP@juno.com>
References: <Pine.GSO.3.95.960917093315.23863A-100000@arctic>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 3-4,6,9-10,13-14,16-19,21-22,25,27-28,30-31,33-42
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Tue, 17 Sep 1996 19:24:49 EDT

Many of you out there reading thing this SIG must enjoy APRS, that much
is obvious. But how many of you take your system out for mobile use on a
regular basis? If you are not one of those people, is it because all the
different cords get in the way and make it too much of a hassle?

What about a PCMCIA TNC? It seems to me that the time is long overdue
for such a device. Think about it for a
second.... ONE cord between your laptop and radio, the TNC's power would
be supplied by the computer NOT an additional cord! Talk about USEFUL!
This would eliminate the mess associated with mobile packet.

Now, those of you with a GPS could just use the spare RS-232 port for
that. There would be no need for special adapters that create even more
tangled cords.

What would you like to see on an PCMCIA APRS compatible TNC?   Here are a
few of my ideas;

1) A telephone type 5 or six conductor cord with an X-Jack style plug.
2) APRS compatibility by using the laptops spare RS-232 port.
3) Able to directly address the laptops memory (RAM or HD) for expanded maildrop capacity.

Also I would have them ship it with an extra "NEW INDUSTRY STANDARD" plug to force all the radio manufacturers to install a simple jack on the front or side of their new mobile radios for easy access.
Which radio manufacturer would NOT want to conform to ease of customer use?

I think it's time we start a letter writing campaign to the TNC manufacturers. Tell them what we want!

Whoever comes out with one will sure sell a heck of a lot more of them than the radio people with hundreds of different models to choose from!

73, Kevan

Postal   : 313 Cedar Court - Winlock, WA 98596-9777
Packet : KC7LSP@WA7SJN.#WWA.WA.USA.NOAM

Cruise Missile Coordinates :   4631.17N/12255.10W

From cap@cruzio.com Tue Sep 17 20:09:49 1996
Received: from cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA09280 for <aprssig@tapr.org>; Tue, 17 Sep 1996 20:09:45 -0500 (CDT)
Received: from surf127.cruzio.com by cruzio.com id aa06597; 17 Sep 96 18:09 PDT
Message-ID: <323F4B9B.615C@cruzio.com>
Date: Tue, 17 Sep 1996 18:08:43 -0700
From: Cap Pennell <cap@cruzio.com>
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4803] Re: RE: GATE,WIDE,WIDE,WIDE
References: <199609171407.JAA18015@tapr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

schiers@ames.net wrote:
>
> In <803943@bbs.ames.net>, on 09/17/96 at 08:12 AM,
>   northup@sw.stratus.com said:
> >> In <803215@bbs.ames.net>, on 09/16/96 at 03:20 PM,
> >>   aprssig@tapr.org said:
> >> >The other supprise is that many of the stations doing this are the long
> >> >time HF stations that are on this mail list so it is not a case of new
> >> >users coming along and making a mistake.
> >>
> >> I hope I'm not one of the "long time" stations on hf that you are

> >> referring to. If so, please let me know. 73,
> >> hasan schiers, N0AN
> >> ----------
> >> schiers@ames.net
> >> ----------
> >Yup you are showing up as GATE,WIDE,WIDE,WIDE here.
> >   Bill
>
> Then something is seriously wrong somewhere. I just checked my unproto at
> both the software (program) and tnc level and my unproto path is set to
> GATE,WIDE on HF and WIDE,WIDE,WIDE on VHF.
 <SNIP!>

Maybe...? try using only 2 WIDEs on VHF?
<GRIN>
73. Cap
--
Cap Pennell
Santa Cruz, CA, 95062-1002   3658.92N/12200.88W
email: cap@cruzio.com
packet radio: ke6afe@kg6ee.#cenca.ca.usa.noam

From glittle@awod.com Tue Sep 17 20:46:08 1996
Received: from sumter.awod.com (awod.com [198.81.225.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA10256 for <aprssig@tapr.org>; Tue, 17 Sep 1996
20:46:05 -0500 (CDT)
Received: from chs0049.awod.com (chs0049.awod.com [198.81.225.158]) by
sumter.awod.com (8.6.12/8.6.12) with SMTP id VAA06526; Tue, 17 Sep 1996 21:46:01
-0400
Message-Id: <199609180146.VAA06526@sumter.awod.com>
X-Sender: glittle@awod.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 17 Sep 1996 21:54:50 -0400
To: aprssig@tapr.org
From: Glenn Little <glittle@awod.com>
Subject: Re: [APRSSIG:4808] Help w/ commercial UHF radio
Cc: glittle@awod.com

Do you know on what freq the radios are now on?

I can possiblely read the EPROM and determine how to set in the desired freqs.

73
Glenn Little

At 12:00 PM 9/17/96 -0500, you wrote:
>Hi APRSers,
>
>This is not directly related to APRS, but I don't know who else to ask.
>

> I have a bunch (about a dozen) Midland Model 70-530B UHF-FM commercial
>radios I want to reprogram to the local 440 repeater freqs. They use a UV
>erasable EPROM to set the channels. I have access to a PROM programmer, and
>am looking for the software or format to reprogram these things to the ham
>freqs.
>
>Anyone have any ideas, or to what ham newsgroup I should direct this question
>to?
>
>These things were free, so if they can't be reprogrammed I guess they end up
>in the
>dumpster, where they were originally headed!
>
>Please reply directly to me at kswaggart@aol.com so as not to add more
>non-APRS messages to the SIG (than I already have)!
>
>73, de Ken, W7KKE
>kswaggart@aol.com
>
>
>
Glenn Little
WB4UIV

From kjm@deltanet.com Tue Sep 17 20:57:31 1996
Received: from mail1.deltanet.com (mail.deltanet.com [199.171.190.55]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA10517 for <aprssig@tapr.org>; Tue, 17 Sep 1996
20:57:21 -0500 (CDT)
Received: from kjm-tjm (delta1.deltanet.com [199.171.190.3]) by mail1.deltanet.com
(8.7.4/8.7.3) with ESMTP id SAA00802 for <aprssig@tapr.org>; Tue, 17 Sep 1996
18:57:16 -0700 (PDT)
Message-Id: <199609180157.SAA00802@mail1.deltanet.com>
From: "Ken Mirabella" <kjm@deltanet.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4821] APRS @ PCMCIA
Date: Tue, 17 Sep 1996 18:54:34 -0700
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

This is such a good idea I am surprised that I didn't think of
it!!!!!!!!!!!!!!!!!!!
73, KM6YH

> From: Kevan J Coleman <kc7lsp@juno.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:4821] APRS @ PCMCIA
> Date: Tuesday, September 17, 1996 6:04 PM
>

> Many of you out there reading thing this SIG must enjoy APRS, that much
> is obvious. But how many of you take your system out for mobile use on a
> regular basis? If you are not one of those people, is it because all the
> different cords get in the way and make it too much of a hassle?
>
> What about a PCMCIA TNC? It seems to me that the time is long overdue
> for such a device. Think about it for a
> second.... ONE cord between your laptop and radio, the TNC's power would
> be supplied by the computer NOT an additional cord! Talk about USEFUL!
> This would eliminate the mess associated with mobile packet.
>
> Now, those of you with a GPS could just use the spare RS-232 port for
> that. There would be no need for special adapters that create even more
> tangled cords.
>
> What would you like to see on an PCMCIA APRS compatible TNC?   Here are a
> few of my ideas;
>
> 1) A telephone type 5 or six conductor cord with an X-Jack style plug.
> 2) APRS compatibility by using the laptops spare RS-232 port.
> 3) Able to directly address the laptops memory (RAM or HD) for expanded
> maildrop capacity.
>
> Also I would have them ship it with an extra "NEW INDUSTRY STANDARD" plug
> to force all the radio manufacturers to install a simple jack on the
> front or side of their new mobile radios for easy access.
> Which radio manufacturer would NOT want to conform to ease of customer
> use?
>
> I think it's time we start a letter writing campaign to the TNC
> manufacturers. Tell them what we want!
>
> Whoever comes out with one will sure sell a heck of a lot more of them
> than the radio people with hundreds of different models to choose from!
>
>
> 73, Kevan
>
>
> Postal   : 313 Cedar Court - Winlock, WA 98596-9777
> Packet : KC7LSP@WA7SJN.#WWA.WA.USA.NOAM
> --
> Cruise Missile Coordinates :   4631.17N/12255.10W
>

From jbc5@po.cwru.edu Tue Sep 17 21:00:18 1996
Received: from arthur.INS.CWRU.Edu (root@arthur.INS.CWRU.Edu [129.22.8.215]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA10585 for <aprssig@tapr.org>; Tue, 17
Sep 1996 21:00:07 -0500 (CDT)
Received: from jbc5-ra.cwru.edu (jbc5-ra.F-REMOTE.CWRU.Edu [129.22.125.6]) by
arthur.INS.CWRU.Edu with ESMTP (8.6.13+cwru/CWRU-2.4)
     id VAA15515; Tue, 17 Sep 1996 21:59:59 -0400 (from jbc5@po.cwru.edu for
<aprssig@tapr.org>)

Message-Id: <199609180159.VAA15515@arthur.INS.CWRU.Edu>
From: "Joseph B. Carter" <jbc5@po.cwru.edu>
To: <aprssig@tapr.org>
Subject: Re: HF path
Date: Tue, 17 Sep 1996 21:51:42 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Following the thread about the HF paths has made me more
paranoid than I already was. I woulld appreciate it if anyone
determines a problem with my hf path (It has been set to, and
should be, "Gate,wide" on the hf side).   Split my time with
Win and DOS versions. Thanks for the feedback (breakfast
of champions and oscillators!)
   73 de Joe
   AA8SF
  jbc5@po.cwru.edu

From rsellers@firecraker.com Tue Sep 17 21:53:14 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA12002 for <aprssig@tapr.org>; Tue, 17 Sep 1996
21:53:07 -0500 (CDT)
Date: Tue, 17 Sep 1996 21:53:07 -0500 (CDT)
Message-Id: <199609180253.VAA12002@tapr.org>
X-ROUTED: Tue, 17 Sep 1996 21:53:26 -0500
Received: from RSELLERS [199.190.124.26] by rockford.com with smtp
     id BFDEDLGA ; Tue, 17 Sep 1996 21:53:00 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4792] Poor Bob!

>
>At 11:54 AM 9/16/96 -0500, the APRSmeister wrote:
>>Basically, from the biggest east coast net, we can now barely see anyone!
>>ARGH!!!
>
>Guess GA, Ala, TN, SC, NC becomes the biggest contiguous APRS net, then!
><smirk>
>
>
>From where I sit at the top of Northern Illinois, we have a continuous
string of stations that included parts of: Kansas, Missouri, Iowa, Illinois,
Wisconsin, Indiana, and Michigan. On a good day with a band opening we can
even throw in Ohio or Minnisota. The stations extend in a string for over
600 miles. Mind you this even without a band opening or any gateways. Lets

see, I count 7 for us to your 5 <grin>.
   Thanks to the net that NIAN and many others are putting together, from Rockford, I can see K0UG move around in his mobile in Kansas City. And have gotten acks to messages from Kansas to central michigan.

73,
Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From rwf@mindspring.com Tue Sep 17 21:55:12 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA12068 for <aprssig@tapr.org>; Tue, 17 Sep 1996 21:55:10 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id WAA18050 for <aprssig@tapr.org>; Tue, 17 Sep 1996 22:55:09 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id WAA26297 for <aprssig@tapr.org>; Tue, 17 Sep 1996 22:55:06 -0400
Message-Id: <2.2.32.19960918025828.00709d10@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 17 Sep 1996 22:58:28 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: PCMCIA

Kevan- Please take my comments with a grain of salt.
It is a good idea, and I have some comments based upon my dealings with manufacturers of radios and TNCs.
Steve Dimse and I discussed my Mobile operations, and I think heagreed that I am probably one of the most mobile APRSers (with laptop) that there are, second to probably Peter W7LUS. WA6RTX is mobile in his RV, but I mean having the laptop going while driving.

At 08:04 PM 9/17/96 -0500, you wrote:
 is it because all the
>different cords get in the way and make it too much of a hassle?

This can be a problem, but I solve it by having 1 cord to my tracker/tnc box, and the Pico-Packet and GPS out of the way, in the back. Only cord I have is 1 serial cable.

>What about a PCMCIA TNC?

Useful, and a good idea, but I see a limited market; therefore a *high* price. Also limited upgrade path unless it had a flash EPROM. Not much commercial market either as far as I can tell. Remember that a lot of the TNC Mfgrs *really* make TNCs for commercial markets, we hams are now a small business to them.

>Now, those of you with a GPS could just use the spare RS-232 port for
>that. There would be no need for special adapters that create even more
>tangled cords.

Still would have 2 cords, then VS my 1 cord. Also, wouldn't the serial card need TSR software to make it work? Possible memory conflicts w APRS.
>
>What would you like to see on an PCMCIA APRS compatible TNC?   Here are a
>few of my ideas;
>
>1) A telephone type 5 or six conductor cord with an X-Jack style plug.
>2) APRS compatibility by using the laptops spare RS-232 port.
>3) Able to directly address the laptops memory (RAM or HD) for expanded
>maildrop capacity.

Nice features, but have you ever used an X jack. Flimsy piece of plastic that can break off easily. One tumble off the seat and good-bye TNC! (Whether or not the laptop survived)
>
>Also I would have them ship it with an extra "NEW INDUSTRY STANDARD" plug
>to force all the radio manufacturers to install a simple jack on the
>front or side of their new mobile radios for easy access.

Which new plug? A new, new one or the mini-DIN one that several Mfgrs are now using already?
I do wish all the new radios had the connector, though.

>Which radio manufacturer would NOT want to conform to ease of customer
>use?

If it is used in Japan, then we may see it here, but they don't make the things *we* want. They make what sells in Japan that can be adapted for here. Just ask Yaesu why they have no 220 gear that is newer than 8 years old!

>
>I think it's time we start a letter writing campaign to the TNC
>manufacturers. Tell them what we want!

Oh yes, we are such a *big* market. I'll bet they will be quaking! ;-|

Advisor
rwf@mindspring.com
Atlanta, GA USA
Web: http://www.mindspring.com/~rwf for APRS, ATV, Balloon, and Ham info
My hobby is tracking Vehicles and other things using Ham Radio and APRS. Ask me how!

From bruninga@nadn.navy.mil Tue Sep 17 22:23:48 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA12999 for <aprssig@tapr.org>; Tue, 17 Sep 1996 22:23:46 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id XAA04083 for <aprssig@tapr.org>; Tue, 17 Sep 1996 23:28:44 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 17 Sep 1996 23:28:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4817] Re: Help w/ commercial UHF radio
In-Reply-To: <Pine.GSO.3.95.960917153307.20372B-100000@spork.callamer.com>
Message-ID: <Pine.GSO.3.95.960917232726.3977C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 17 Sep 1996, Clifford Buttschardt wrote:

> There have been a number of comments regarding the Garmin 20 and the power
> supply requirements needed. I, too, have had a terrible time using most
> home supplies even with large 2000 ufd caps on the output of the 5 volt
> regulator. Apparently, one must turn the unit on from a stiff five
> volt supply, not necessarily turn on a supply in which a large capacitor
> needs to be charged. Can anyone confirm this?

APRSdos REPLY/COMMENT: Yes. If you switch before the regulator, then adding the CAP makes it worse. Try using an on-off switch at the input to the GPS-20.... after the big CAP.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From wa8inz@cris.com Wed Sep 18 01:20:41 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA23444 for <aprssig@tapr.org>; Wed, 18 Sep 1996 01:20:39 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(%D% %I%))
id CAA16997; Wed, 18 Sep 1996 02:19:43 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc804101.concentric.net [206.173.119.101])
by cliff.cris.com (8.7.5)

     id CAA02607; Wed, 18 Sep 1996 02:20:30 -0400 (EDT)
Message-ID: <323FB0CC.35BD@cris.com>
Date: Wed, 18 Sep 1996 01:20:28 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: RE:Balloon Launch
References: <01BBA4F5.EF56B340@emyszka.HiWAAY.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Edward M. Myszka Jr. wrote:
>
>   Balloon Launch
>
> Date: Sunday, September 22, 1996
>
> Time: 07:00 - 09:00 CST, most likely approximately 07:30 CST
>
> From: The Old Huntsville Airport Grounds
>   34 41' 15" North
>   86 33' 35" West
>
> Maximum
> Altitude: Above 75,000 feet
>
> Anticipated
> Landing Area: Near Grant, Alabama
>   34 31' 4" North
>   86 14' 23" West
>
> Flight Profile: Two (2) hours Climb to Max Altitude
>   One (1) hour Drift at Max Altitude
>   Thirty (30) minute descent
>
> Amateur Radio
> Call Sign: The ATV downlink will be identified by an automatic video overlay (approximately
>   every six minutes) by the call sign: KE4ROC-11. All packet transmissions from the
>   balloon package will also be identified by the call sign: KE4ROC-11
>
> ATV: One (1) watt, PC Electonics KPA5 70cm ATV Transmitter
>   "Little Wheel" Horizontally Polarized Antenna
>   434.00 mHz transmit frequency (Cable Ready TV Channel 59)
>   Audio downlink will have microphone external to balloon package for experimentation
>

Most of the information about this launch I deleted because I didn't want to

takeup that
much space here and be flamed for posting big messages like that so i will post
the
info on Tapr as HSVBALL.TXT file. This is a very technical flight. Bill Brown will
also be
involved with this flight.

--

                \////
                (0 0)
          --o0-(_)-0o--
          wa8inz@amsat.org
          wa8inz@cris.com
     Check out my A.P.R.S Web Page.
   THANKS TO THOSE MENTOR VOLENTEERS
  Also check out my WA8INZ Home page.

   http://www.concentric.net/~wa8inz

From wa8inz@cris.com Wed Sep 18 01:42:30 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA23912 for <aprssig@tapr.org>; Wed, 18
Sep 1996 01:42:28 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(%D% %I%))
     id CAA18772; Wed, 18 Sep 1996 02:41:38 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80272.concentric.net [206.173.113.72])
     by cliff.cris.com (8.7.5)
     id CAA04623; Wed, 18 Sep 1996 02:42:25 -0400 (EDT)
Message-ID: <323FB5EE.4F66@cris.com>
Date: Wed, 18 Sep 1996 01:42:22 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Balloon Launch
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I posted all the information about this balloon lauch on Tapr as
HSVBALL.TXT, sorry but the file is just to big to post here.
Keith Sproul NOTE, this is the information you wanted i believe, if
not it has addresses within the text file to get more info. Also to get
any updated info.
--

                \////
                (0 0)
          --o0-(_)-0o--
          wa8inz@amsat.org
          wa8inz@cris.com

Check out my A.P.R.S Web Page.
THANKS TO THOSE MENTOR VOLENTEERS
Also check out my WA8INZ Home page.

http://www.concentric.net/~wa8inz

From kc7lsp@juno.com Wed Sep 18 03:43:27 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA25832 for <aprssig@tapr.org>; Wed, 18 Sep 1996 03:43:25 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail) id EAA01940; Wed, 18 Sep 1996 04:43:18 EDT
To: aprssig@tapr.org
Subject: Re: PCMCIA
Message-ID: <19960918.014059.4495.2.KC7LSP@juno.com>
References: <2.2.32.19960918025828.00709d10@mindspring.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-2,4,8-12,15,17-18,20-23,28-36
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Wed, 18 Sep 1996 04:43:18 EDT

On Tue, 17 Sep 1996 22:14:13 -0500 (CDT) rwf <rwf@mindspring.com> writes:

>>What about a PCMCIA TNC?
>Useful, and a good idea, but I see a limited market; therefore a *high* price.
I'm not so sure. There are a million & one different HT's on the market, there must be quite a few HAMS buying all of these vaired radios. If not, why would there be so many, and more on the way. If a company could sell only half the number of one single model HT, it would be a success.

> Also limited upgrade path unless it had a flash EPROM.
Not every consumer bothers with upgrades.

>Nice features, but have you ever used an X jack. Flimsy piece of plastic that can break off easily. One tumble off >the seat and good-bye TNC!
Valid point. I suppose some sort of strain relief could be integrated into the design.

>Which new plug? A new, new one or the mini-DIN one that several Mfgrs are now using already?
Sure, that would work.

>Oh yes, we are such a *big* market. I'll bet they will be quaking!
One never knows unless they try. This might give a DOMESTIC company a chance. Who ever thought there would be a market for the original TNC's, or personal GPS's? Heck, if people buy worthless items like Pet Rocks, I'm sure HAMS will spend money on a useful gadget, after all they buy a lot of junk.

TNX for the reply.

Postal   : 313 Cedar Court - Winlock, WA 98596-9777
Packet : KC7LSP@WA7SJN.#WWA.WA.USA.NOAM

Cruise Missile Coordinates :   4631.17N/12255.10W

From gwyn@paccomm.com Wed Sep 18 08:04:58 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA00808 for <aprssig@tapr.org>; Wed, 18 Sep 1996
08:04:55 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp
     (Smail3.1.29.1 #1) id m0v3MJC-000FQLC; Wed, 18 Sep 96 09:04 EDT
Received: by gwyn.paccomm.com with Microsoft Mail
     id <01BBA540.49A8A660@gwyn.paccomm.com>; Wed, 18 Sep 1996 09:03:41 -0400
Message-ID: <01BBA540.49A8A660@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: PCMCIA TNC
Date: Wed, 18 Sep 1996 09:03:29 -0400
Encoding: 57 TEXT

An interesting discussion going on about the merits of a PCMCIA TNC.

Not a new idea - I've been telling people that I'd like PacComm to do one
for several years - in conversations at such places as Digital Conferences,
TAPR meetings, etc.

Why have we not done one, then? Try to follow this logic path.

It should not be too difficult to build such a small TNC. PCMCIA 'supplies'
are readily available.

The TNC would need to be 1200 baud AFSK for amateur radio compatibility.

And above all it would have to be inexpensive (I know - we regularly get
berated for charging what we do for TNCs and radios - from people who have
no appreciation of the costs of running a business....)

but

To pay the development costs there needs to be a commercial market for the
product
and there would be only an insignificant commercial market for a 1200 baud
AFSK unit. (Although MARS, CAP, weather people, etc. can be a good
market...)

so

The unit would need to be switchable between 1200 AFSK and some other
speed/modulation.

but

That raises complexity and cost etc.

Enough of that to make my point.

 I want to do it because it is a technical challenge, but have been trying to avoid fun projects which cost more than they earn. This one is borderline.

IF a good variety of 9600 baud capable portable radios existed, I'd do it in a minute. We're locked in by the radio problem. 1200 via the mic jack. We can do 2400 MSK via same jack, but I very much doubt that it would be accepted as a ham standard (not same as old MFJ 2400 BPSK). We could do a DSP scheme that could put 3-5kbps via the mic jack, but it is more expensive and still a non-standard. Next jump is 9600 and we have the technology for that, but not the radios.

Please keep on with the discussion. I'm looking for an excuse to do such a project, but it has to be based on more than 'cool'.

Gwyn Reedy, W1BEL
PacComm Packet Radio Systems
http://www.paccomm.com

From garnold@naples.net Wed Sep 18 08:14:46 1996
Received: from gator.naples.net (root@gator.naples.net [205.160.191.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA00979 for <aprssig@tapr.org>; Wed, 18 Sep 1996 08:14:44 -0500 (CDT)
Received: from port39.annex1.naples.net (port39.annex1.naples.net [205.160.191.135]) by gator.naples.net (8.7.3/8.6.12) with SMTP id JAA28024 for <aprssig@tapr.org>; Wed, 18 Sep 1996 09:21:05 -0400 (EDT)
Message-ID: <323DDFEF.4D29@naples.net>
Date: Mon, 16 Sep 1996 16:17:20 -0700
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4707] Solution to Intermod Problem
References: <3239E895.2BD5@y100.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark Humphrey wrote:
>
> I recall there was a thread going a few months ago about intermod problems, but haven't
> heard much about this lately. I picked up a PAR Electronics model VHFDN152 2 meter
> "Intermod Filter" last weekend at the FARfest in Gaithersburg, and want to

report it
> fixed my intermod problem, especially on the 145.79 APRS frequency.
>
> [snip]
>
> So if you're having paging intermod problems on 145.79, you might want to
consider one
> of these. I was skeptical until I tried it. The manufacturer is PAR
Electronics, 6869
> Bayshore Drive, Lantana FL 33462.
>
>   73, Mark Humphrey N2CHV
>   WPLY-FM Philadelphia

We've just installed 5 of these little marvels in the EOC/related: APRS,
Packet LAN, my car, 2 m SSB (EOC) and 2 m FM (EOC)...they do the job!
Also available from Amateur Electronic Supply (all stores) at $62 a
piece. Also prevents third harmonic problems on UHF.

Also note, that where third order IMD is a problem, the reduction is
actually X3.

73,
Gary WB2WPA

--

Gary Arnold CEM
Coordinator, Collier County (FL) Emergency Management
garnold@naples.net
76656.2753@compuserve.com
[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "http://www.naples.net/govern/county/emrgmgt/zccem1.htm"
Personal page: "http://www.naples.net/govern/county/emrgmgt/garnold.htm"
Ochopee FL/Collier EOC APRS digis now 50 watts! ERP ~80-100 watts!

"I went to a restaurant that serves 'breakfast at any time'. I ordered
French Toast during the Renaissance."
           -- Steven Wright, perpipheral visionary

From garnold@naples.net Wed Sep 18 08:15:06 1996
Received: from gator.naples.net (root@gator.naples.net [205.160.191.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA01000; Wed, 18 Sep 1996 08:15:02 -0500
(CDT)
Received: from port39.annex1.naples.net (port39.annex1.naples.net
[205.160.191.135]) by gator.naples.net (8.7.3/8.6.12) with SMTP id JAA28044; Wed,
18 Sep 1996 09:21:29 -0400 (EDT)
Message-ID: <323DEC66.7F65@naples.net>
Date: Mon, 16 Sep 1996 17:10:14 -0700
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net

Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
CC: aprs-fl@tapr.org
Subject: Ochopee Florida Digi QRV/QRO
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The KG5QD-3 digi at Ochopee, Florida (36 miles east of Naples)
is on the air with 50 watts omni (slight shadow to southwest, as
the antenna is side mounted on Rohn 25) at about 90 feet.
Testing over the weekend shows solid coverage from the Keys to
West Palm Beach. This is (as much as anything is) a permanent
site, and should continue to provide good service between the
lower coasts and the Keys.

The antenna is a 6 db gain dual band, (there will be a UHF network
node installed shortly), so the ERP is between 80-100 watts.

Reports welcomed! Now we start working on the folks to the north, and
a digi in the NE part of Collier County, between Naples and Lake
Okeechobee! (Possible site located!)

73,
Gary WB2WPA
--

Gary Arnold CEM
Coordinator, Collier County (FL) Emergency Management
garnold@naples.net
76656.2753@compuserve.com
[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "http://www.naples.net/govern/county/emrgmgt/zccem1.htm"
Personal page: "http://www.naples.net/govern/county/emrgmgt/garnold.htm"

"I went to a restaurant that serves 'breakfast at any time'. I ordered
French Toast during the Renaissance."
           -- Steven Wright, perpipheral visionary

From schiers@ames.net Wed Sep 18 08:26:52 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA01476 for <aprssig@tapr.org>; Wed, 18 Sep 1996
08:26:50 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609181326.IAA01476@tapr.org>
Received: from [206.29.126.237] by ames.net id 43010.wrk; Wed, 18 Sep 1996
08:24:02 -0600
Date: Wed, 18 Sep 96 08:26:00 -0500
To: aprssig@tapr.org

Subject: Re: [APRSSIG:4822] Re: RE: GATE,WIDE,WIDE,WIDE
In-Reply-To: <804991@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.12

In <804991@bbs.ames.net>, on 09/17/96 at 09:48 PM,
   aprssig@tapr.org said:

>Maybe...? try using only 2 WIDEs on VHF?
><GRIN>
>73. Cap

That is a local convention based on topography and station density. It is perfectly appropriate and agreed upon in our area. 73,

hasan schiers, N0AN--
---
schiers@ames.net

From bruninga@nadn.navy.mil Wed Sep 18 08:44:40 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA02075 for <aprssig@tapr.org>; Wed, 18 Sep 1996 08:44:38 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id JAA08815; Wed, 18 Sep 1996 09:49:36 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Sep 1996 09:49:35 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: Paul Williamson <kb5mu@amsat.org>
cc: amsat-bb@amsat.org, aprssig@tapr.org
Subject: Apartment antennas!
In-Reply-To: <199609180549.WAA03807@amsat.org>
Message-ID: <Pine.GSO.3.95.960918094337.4673C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 17 Sep 1996, Paul Williamson wrote:

> >... the new FCC exposure regulations which are not
> >unreasonable in themselves but which might prompt more serious laws...
>
> don't these FCC regs *preempt* local laws, rather than prompting them?

WB4APR COMMENT: Just this morning I heard a fellow on 2 meters talking about a new FCC edict that PREVENTS any local regulations that prohibit the installation of *almost* ANY kind of "VIDEO" receive antennas! Especially dishes below 1 meter in size. It also permits VHF and UHF antennas too. SO all you have to do is show that you can receive TV on your 2m or 70 cm antennas and you are IN! He says this was published in August.

Why have I not heard a thing about this in the amateur literature?

Probably because I have my head in the sand...

mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From Paul_Moller@csg.mot.com Wed Sep 18 08:50:11 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA02408 for <aprssig@tapr.org>; Wed, 18 Sep 1996 08:50:06 -0500 (CDT)
Received: from pobox.mot.com (pobox.mot.com [129.188.137.100]) by motgate2.mot.com (8.7.3/8.6.10/MOT-3.8) with ESMTP id NAA06705 for <aprssig@tapr.org>; Wed, 18 Sep 1996 13:45:55 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by pobox.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id IAA05414 for <aprssig@tapr.org>; Wed, 18 Sep 1996 08:49:30 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id IAA02921 for <aprssig@tapr.org>; Wed, 18 Sep 1996 08:49:22 -0500
Message-Id: <3.0b19.32.19960918085048.00703244@144.188.134.33>
X-Sender: mollpj@144.188.134.33
Disposition-Notification-To: <Paul_Moller@csg.mot.com>
X-Mailer: Windows Eudora Pro Version 3.0b19 (32)
Date: Wed, 18 Sep 1996 08:50:49 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: Re: [APRSSIG:4819] Re: Re: Balloon launch 21 Sept!
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Perhaps they could put a WIDE in their path, and somebody in the chicago
area could put a dual port tnc on 440 / 145.79 as WIDE for the event only.

At 07:02 PM 9/17/96 -0500, you wrote:
>>
>> They use the 145.79 freq in Illinois balloon launch!
>> Just wanted to know, I don't have 440!   "BUMBER"
>.
>
Paul, WD9ABE

From bruninga@nadn.navy.mil Wed Sep 18 08:58:40 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA02655 for <aprssig@tapr.org>; Wed, 18 Sep 1996 08:58:38 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA12298 for <aprssig@tapr.org>; Wed, 18 Sep 1996 10:03:38 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Sep 1996 10:03:38 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org

Subject: Re: [APRSSIG:4832] PCMCIA TNC
In-Reply-To: <01BBA540.49A8A660@gwyn.paccomm.com>
Message-ID: <Pine.GSO.3.95.960918095411.4673D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Sep 1996, Gwyn Reedy wrote:

> IF a good variety of 9600 baud capable portable radios existed, I'd do it
> in a minute. We're locked in by the radio problem. 1200 via the mic jack.

APRSdos REPLY/COMMENT: 9600 Baud is the only thing that makes sense.
I thought the TEKK radio worked fine at 9600?. I would package the
XTAL controlled radio in a magmount base of a 6 inch whip antenna.
THen you only have two pieces, the MAGmount/antenna/radio and the PCMCIA
card...

In fact, forget about the scratch development of the PCMCIA TNC, and
just mass purchase PCMCIA serial cards and then put the TNC/RADIO and
ANTENNA all in the base of themag mount antenna...

Only a DC/Audio/Power cable connects the two...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From BordingK@aol.com Wed Sep 18 09:19:48 1996
Received: from emout11.mail.aol.com (emout11.mx.aol.com [198.81.11.26]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA03560 for <aprssig@tapr.org>; Wed, 18
Sep 1996 09:19:46 -0500 (CDT)
From: BordingK@aol.com
Received: by emout11.mail.aol.com (8.6.12/8.6.12) id KAA10623; Wed, 18 Sep 1996
10:18:44 -0400
Date: Wed, 18 Sep 1996 10:18:44 -0400
Message-ID: <960918101843_311495509@emout11.mail.aol.com>
To: aprssig@tapr.org, KD4UJK@jaxnet.com
Subject: Re: [APRSSIG:4833] Re: Solution to Intermod Problem

FYI

From dwetzel@slkc.uswest.net Wed Sep 18 09:30:53 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA03982 for <aprssig@tapr.org>; Wed, 18
Sep 1996 09:30:51 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup32.slkc.uswest.net [206.81.132.2])
by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id IAA23254 for
<aprssig@tapr.org>; Wed, 18 Sep 1996 08:30:17 -0600
Message-ID: <32400771.7D70@slkc.uswest.net>
Date: Wed, 18 Sep 1996 08:30:09 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org

Subject: Re: [APRSSIG:4837] Re: Re: Balloon launch 21 Sept!
References: <3.0b19.32.19960918085048.00703244@144.188.134.33>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Moller wrote:
>
> Perhaps they could put a WIDE in their path, and somebody in the chicago
> area could put a dual port tnc on 440 / 145.79 as WIDE for the event only.
>
> At 07:02 PM 9/17/96 -0500, you wrote:
> >>
> >> They use the 145.79 freq in Illinois balloon launch!
> >> Just wanted to know, I don't have 440!   "BUMBER"
> >>.
> >>
> Paul, WD9ABE

WIDE,GATE to hf so we can ALL see it.

KC7CO

From mulveyr@frontiernet.net Wed Sep 18 09:31:08 1996
Received: from mail.frontiernet.net (mulveyr@mail.frontiernet.net [204.168.13.10])
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA04006 for <aprssig@tapr.org>; Wed,
18 Sep 1996 09:31:06 -0500 (CDT)
Received: (from mulveyr@localhost) by mail.frontiernet.net (8.7.5/8.7.3) id
KAA38594 for aprssig@tapr.org; Wed, 18 Sep 1996 10:31:03 -0400
From: Richard Mulvey <mulveyr@frontiernet.net>
Message-Id: <199609181431.KAA38594@mail.frontiernet.net>
Subject: Re: [APRSSIG:4836] Apartment antennas!
To: aprssig@tapr.org
Date: Wed, 18 Sep 1996 10:31:02 -0400 (EDT)
In-Reply-To: <Pine.GSO.3.95.960918094337.4673C-100000@arctic> from "Bob Bruninga"
at Sep 18, 96 08:49:37 am
X-Mailer: ELM [version 2.4 PL25]
Content-Type: text

>
> On Tue, 17 Sep 1996, Paul Williamson wrote:
>
> > >... the new FCC exposure regulations which are not
> > >unreasonable in themselves but which might prompt more serious laws...
> >
> > don't these FCC regs *preempt* local laws, rather than prompting them?
>
> WB4APR COMMENT: Just this morning I heard a fellow on 2 meters talking
> about a new FCC edict that PREVENTS any local regulations that prohibit
> the installation of *almost* ANY kind of "VIDEO" receive antennas!
> Especially dishes below 1 meter in size. It also permits VHF and UHF
> antennas too. SO all you have to do is show that you can receive TV on
> your 2m or 70 cm antennas and you are IN! He says this was published in
> August.

>

   Actually, the FCC ruling is directed specifically at DSS dish antennas.
So unless you've got a DSS receiver hooked up to your 2M dish, which is
less than 1M in size, you'll have a problem. :-)

- Rich

From kirk@neptune.gsfc.nasa.gov Wed Sep 18 09:41:43 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA04602 for <aprssig@tapr.org>; Wed, 18
Sep 1996 09:41:41 -0500 (CDT)
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C)id
AA14995; Wed, 18 Sep 96 08:49:08 -0400
Received: from isobar.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP
(950911.SGI.8.6.12.PATCH825/920502.SGI)for <aprssig@tapr.org> id IAA21405; Wed, 18
Sep 1996 08:53:14 -0400
Message-Id: <2.2.32.19960918125010.006db40c@neptune.gsfc.nasa.gov>
X-Sender: kirk@neptune.gsfc.nasa.gov
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Sep 1996 08:50:10 -0400
To: aprssig@tapr.org
From: Robert Kirk <kirk@neptune.gsfc.nasa.gov>
Subject: Re: Poor Bob!

At 18:09 9/16/96 -0500, rwf <rwf@mindspring.com> wrote:
>At 11:54 AM 9/16/96 -0500, the APRSmeister wrote:
>>Basically, from the biggest east coast net, we can now barely see anyone!
>>ARGH!!!
>
>Guess GA, Ala, TN, SC, NC becomes the biggest contiguous APRS net, then!
><smirk>
>
>
Just remember, when the chips are down and all these modern,
high tech communication systems like APRS start to break down,
you can always fall back on the service that the country has always
relied on to provide communications in an emergency: cellular.

And remember it's just a hobby.

Bob Kirk
N3OZB

From kirk@neptune.gsfc.nasa.gov Wed Sep 18 09:42:23 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA04624 for <aprssig@tapr.org>; Wed, 18
Sep 1996 09:42:22 -0500 (CDT)
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C)id
AA06279; Tue, 17 Sep 96 12:10:23 -0400
Received: from isobar.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP

(950911.SGI.8.6.12.PATCH825/920502.SGI)for <aprssig@tapr.org> id MAA10551; Tue, 17 Sep 1996 12:14:28 -0400
Message-Id: <2.2.32.19960917161123.006f6bf0@neptune.gsfc.nasa.gov>
X-Sender: kirk@neptune.gsfc.nasa.gov
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 17 Sep 1996 12:11:23 -0400
To: aprssig@tapr.org
From: Robert Kirk <kirk@neptune.gsfc.nasa.gov>
Subject: Re: [APRSSIG:4792] Poor Bob!

At 18:09 9/16/96 -0500, rwf <rwf@mindspring.com> wrote:
>At 11:54 AM 9/16/96 -0500, the APRSmeister wrote:
>>Basically, from the biggest east coast net, we can now barely see anyone!
>>ARGH!!!
>
>Guess GA, Ala, TN, SC, NC becomes the biggest contiguous APRS net, then!
><smirk>
>
>
Just remember, when the chips are down and all these modern,
high tech communication systems like APRS start to break down,
you can always fall back on the service that the country has always
relied on to provide communications in an emergency: cellular.

And remember it's just a hobby.

Bob Kirk
N3OZB

From Paul_Moller@csg.mot.com Wed Sep 18 10:34:43 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA06551 for <aprssig@tapr.org>; Wed, 18 Sep 1996 10:34:42 -0500 (CDT)
Received: from pobox.mot.com (pobox.mot.com [129.188.137.100]) by motgate2.mot.com (8.7.3/8.6.10/MOT-3.8) with ESMTP id PAA11778 for <aprssig@tapr.org>; Wed, 18 Sep 1996 15:30:26 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by pobox.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id KAA14374 for <aprssig@tapr.org>; Wed, 18 Sep 1996 10:33:46 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id KAA04104 for <aprssig@tapr.org>; Wed, 18 Sep 1996 10:33:33 -0500
Message-Id: <3.0b19.32.19960918103500.00704460@144.188.134.33>
X-Sender: mollpj@144.188.134.33
Disposition-Notification-To: <Paul_Moller@csg.mot.com>
X-Mailer: Windows Eudora Pro Version 3.0b19 (32)
Date: Wed, 18 Sep 1996 10:35:01 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: Baycom tnc/modem
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I know this question was asked some time ago, but I wonder if the answer
has changed. Is there a way to use the Baycom tnc in a connector on aprs?
Recall that the Baycom tnc is really only a modem, with the computer
performing the tnc software in real time. The problem before is the real
time requirement vs. the needs of aprs. Thanks for any help.

Paul, WD9ABE

From Paul_Moller@csg.mot.com Wed Sep 18 10:46:54 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA06755 for <aprssig@tapr.org>; Wed, 18 Sep 1996
10:46:50 -0500 (CDT)
Received: from mothost.mot.com (mothost.mot.com [129.188.137.101]) by
motgate2.mot.com (8.7.3/8.6.10/MOT-3.8) with ESMTP id PAA15770 for
<aprssig@tapr.org>; Wed, 18 Sep 1996 15:42:38 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by
mothost.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id KAA07175 for
<aprssig@tapr.org>; Wed, 18 Sep 1996 10:46:16 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by
OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id KAA04285 for <aprssig@tapr.org>;
Wed, 18 Sep 1996 10:46:09 -0500
Message-Id: <3.0b19.32.19960918104736.006924c4@144.188.134.33>
X-Sender: mollpj@144.188.134.33
X-Mailer: Windows Eudora Pro Version 3.0b19 (32)
Date: Wed, 18 Sep 1996 10:47:38 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: Re: [APRSSIG:4840] Re: Re: Balloon launch 21 Sept!
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Even better idea. How about somebody fairly close to the launch site
sending it out on 30m so that we can all see it right from the start.

I have the capability, but am 150 miles from the launch site and everybody
would miss the first 15,000 ft. until it got above the horizon for me.

At 09:50 AM 9/18/96 -0500, you wrote:
>
>WIDE,GATE to hf so we can ALL see it.
>
>KC7CO
>
>
>
Paul, WD9ABE

From bruninga@nadn.navy.mil Wed Sep 18 11:10:59 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA07458 for <aprssig@tapr.org>; Wed, 18 Sep 1996 11:09:52 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id MAA09466 for <aprssig@tapr.org>; Wed, 18 Sep 1996 12:14:17 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Sep 1996 12:14:16 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Indianna Balloon via WIDE!
Message-ID: <Pine.GSO.3.95.960918120041.22901B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Although on 446.0, the GPS data will be addressed via WIDE, so all you have to do is hook a UHF scanner to the input of your WIDE digipeater TNC and it will digipeat the GPS data over onto APRS 145.79! You can do this at your house too, but it will only digipeat once, so only your neighbors will see it.

Or, you can hook the 446.0 MHz receiver to your TNC input and operate your APRS station transmit side normally on VHF via WIDE,WIDE,WIDE. THen each time you want to uplink a new posit to the world around you, just hook it on the P list and hit UPLINK... This way, you are receiving the data on UHF, and then you are originating OBJECTS on your VHF side in a normal APRS manner.

But, I would watch on 2m, though, and make sure that there arent more than one of you doing this in your area, or you may see bazillions of packets..

WINDTRAX BALLOON LAUNCH Prime launch date: SAT 21-SEP-96

Flight Director: Chuck Crist, WB9IHS
Flight Sponsor: New Augusta Public Academy (5 mi NW of Indianappolis)
TIME: 1200-1300 UTC (0700-0800 AM Indy time)
Pre-Launch Freq: HF on 3870 +/- 1 kHz, local on 146.97(-) at 1130 UTC
Flight Assembly: 70-ft long consisting of balloon, parachute,
   crossband repeater, GPS packet & ATV equipment all contained
   in separate starfoam boxes and connected by 1/8 inch nylon line.
Flight Package Freqs:
   Crossband repeater: Down 444.85 & 52.525 MHz FM vertical
   polarization @ 50 & 100 mW Pout. Up 144.3 MHz FM.
   GPS Packet: Down 446.0 MHz vert pol @ 750 mW Pout
   [transmitting GPS "gga" string].
   ATV: Down 439.25 MHz vert pol @ 1.5 W Pout. [Cable Ch 60]
   Antennas: All are vertical polarization.

Max Altitude: Approximately 100,000 feet AGL.
Flight Duration: 2 1/2 - 3 hours.
Flight direction/distance: Approx E to SE of launch site &
   35-50 miles.

GPS Packet by Chuck WB9IHS:
Garmin GPS rcvr, controlled by PacCom packet TNC & downlinked on Tekk 70 cm xmtr. Self-contained separate box with lithium power system. Antennas are 1/4 wave on 70 cm & strip line 1.5 GHz GPS rcvr.

4. LAUNCH SITE: New Augusta Academy, Indianapolis, IN
Lat 39.866667 N, Lon 86.233333 W
Elevation 800 ft MSL (244m)

5. CRUISING ALT: Max Altitude approx 100,000 feet

6. FORCASTED TRAJECTORY & EST CLIMB TO 60k FT:
A. 50 miles SE of launch site, while climbing to 100k ft, then descending to surface by parachute.
B. One hour to 60k ft & 90 minutes max altitude.

7. PHYSICAL DESCRIPTION: Balloon is 8 ft diameter weather balloon made by KAYMONT (same used by NWS). Entire flight assembly is 70 ft vertically in length and contains one balloon, one 6-ft parachute & three separate starfoam electronic experiment packages connected by a 1/8 inch nylon line.

8. TOTAL FLIGHT TIME: Three hours, Approx.

9. FORCASTED LANDING TIME & LOCATION:
A. 1500-1600 UTC
B. Approx 50-60 miles SE of launch site.

10. GENERAL INFO:
Sponsor: New Augusta Academy, Indianapolis, IN
A. Person in charge: Ph No:
B. Communications from site to _____ ARTCC by:
Ph No. at school:
C. Payload weight: 5 lbs.

For more info contact Chuck Crist, WB9IHS
Phone No: 317-787-6674
E-mail: mai@iquest.net

From bruninga@nadn.navy.mil Wed Sep 18 11:21:49 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA07850 for <aprssig@tapr.org>; Wed, 18 Sep 1996 11:20:43 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id MAA10698 for <aprssig@tapr.org>; Wed, 18 Sep 1996

12:25:44 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Sep 1996 12:25:43 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Balloon on HF!
In-Reply-To: <32400771.7D70@slkc.uswest.net>
Message-ID: <Pine.GSO.3.95.960918122036.22901D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Paul Moller wrote:
>
> > Perhaps they could put WIDE in their path, and somebody in chicago
> > could put a dual port tnc on 440 / 145.79 as WIDE for the event only.
>
> Doug responded : Use WIDE,GATE to hf so we can ALL see it.

APRSdos REPLY/COMMENT: The balloon WILL be sending its GPS data on 446.0 via WIDE. ANYONE with an HF gateway only needs to put a scanner on 446.0 FM and couple the audio into his TNC. THen TEMPORARILY change his MYGATE call to WIDE. Then the balloon packets will be heard on HF. On VHF you don't even need a dual port TNC. Any TNC can be used to DIGI the data from a 446.0 receiver to a 145.79 transmitter... just set your MYAlias to WIDE termporarily...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From sparkfel@primenet.com Wed Sep 18 11:39:08 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA08327 for <aprssig@tapr.org>; Wed, 18 Sep 1996 11:39:06 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by mailhost1.primenet.com (8.7.5/8.7.1) with ESMTP id JAA05226 for <aprssig@tapr.org>; Wed, 18 Sep 1996 09:39:04 -0700 (MST)
Received: from ip-20-080.phx.primenet.com (ip-20-080.phx.primenet.com [206.165.20.80]) by primenet.com (8.7.5/8.7.5) with SMTP id JAA10170; Wed, 18 Sep 1996 09:38:34 -0700 (MST)
Date: Wed, 18 Sep 1996 09:38:34 -0700 (MST)
Message-Id: <1.5.4.16.19960918093903.24df2f24@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: "Mark D. Fellhauer" <sparkfel@primenet.com>
Subject: Re: Poor Bob!

At 09:55 AM 9/18/96 -0500, Robert Kirk wrote:

>Just remember, when the chips are down and all these modern,

>high tech communication systems like APRS start to break down,
>you can always fall back on the service that the country has always
>relied on to provide communications in an emergency: cellular.
>

I hope you're joking. First off, the country has only had "nationwide"
cellular coverage for about 5 years.
Unless you live in a state like Arizona where cellular is still restricted
to major cities and highway corridors. Central (rural) AZ just got cellular
coverage due only to the fact that the Arizona Repeater Association got a
new tower on Mt. Ord and is renting space to the cellular providers. We
have a linked autopatch up there (and have for years), and it still works
better most of the time when compared to cell phones.

Also, the Northridge (CA) earthquakes show that cellular can and does fail
when the power goes out and the towers collapse! Ham radio operators from
Arizona showed up with "instant-up" towers within 24 hours of the disaster
and had emergency communications on-line. Need I cite other examples? How
about trying to dial 911 in Philadelphia or LA or Washington DC.?

>And remember it's just a hobby.

Well, that's one man's opinion. It's a hobby, but I also know a lot of
volunteer fireman who consider firefighting a hobby...

73,

Mark KC7BXS

From kc7lsp@juno.com Wed Sep 18 12:18:11 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA09518 for <aprssig@tapr.org>; Wed, 18
Sep 1996 12:18:09 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail)
     id NAA15369; Wed, 18 Sep 1996 13:12:58 EDT
To: aprssig@tapr.org
Subject: Re: PCMCIA TNC
Message-ID: <19960918.094900.4495.2.KC7LSP@juno.com>
References: <Pine.GSO.3.95.960918095411.4673D-100000@arctic>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-3,5
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Wed, 18 Sep 1996 13:12:58 EDT

>In fact, forget about the scratch development of the PCMCIA TNC, and
>just mass purchase PCMCIA serial cards and then put the TNC/RADIO and
>ANTENNA all in the base of themag mount antenna...

Well, if you used that arrangement you would not even need the PCMCIA
serial card. Most laptops have at least one RS-232 port anyway.

From n8chb@tir.com Wed Sep 18 12:20:14 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA09617 for <aprssig@tapr.org>; Wed, 18 Sep 1996 12:20:12 -0500 (CDT)
Received: from n8chb.tir.com (an25liv.tir.com [205.218.84.27]) by tir.com (8.7.5/8.7) with SMTP id NAA29536 for <aprssig@tapr.org>; Wed, 18 Sep 1996 13:14:46 -0400 (EDT)
Message-ID: <324020FF.3CE7@tir.com>
Date: Wed, 18 Sep 1996 17:19:11 +0100
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: gate, wide, wide, wide on hf
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

I was just kybd ing wit K1HJC

Fm K1HJC
:Hi Roger..yes..but problem not your's. Think one or more
:gates adding additional 2 wides to all HF stns...
:When viewed on HF side, you only have GATE, WIDE in unproto..
:on VHF side, you have GATE, WIDE, WIDE, WIDE>>
:I'm only on vhf here....I see all HF stns via local gateway in
:Mass....W1ON-3. All HF stns show up with GATE,WIDE,WIDE,WIDE hr
:even though they really only have GATE, WIDE in their unproto>

"now I change my path to "GATE" only......

:With just GATE in ur unproto, I see GATE, WIDE, WIDE>

anyway that's the scoop on what's bin go-in on.

Guess I will just have to only put GATE only in my path and another
station will help me out with the WIDE's hi hi

73

Ham radio is 4 fun

Roger n8chb

From clark@tomcat.gsfc.nasa.gov Wed Sep 18 13:01:41 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA10710 for <aprssig@tapr.org>; Wed, 18 Sep 1996 12:57:33 -0500 (CDT)
Date: Wed, 18 Sep 96 17:43:04 UTC
Message-Id: <106540@tomcat.gsfc.nasa.gov>

From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
Reply-To: clark@tomcat.gsfc.nasa.gov
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4817] Re: Help w/ commercial UHF radio

To try to answer Cliff's questions:

>There have been a number of comments regarding the Garmin 20 and the power
>supply requirements needed. I, too, have had a terrible time using most
>home supplies even with large 2000 ufd caps on the output of the 5 volt
>regulator. Apparently, one must turn the unit on from a stiff five
>volt supply, not necessarily turn on a supply in which a large capacitor
>needs to be charged. Can anyone confirm this?
>   Another question of interest----is the five volts on the antenna lead
>isolated to the input of the receiver at 1575 MHz? In other words, can I
>use a MMIC at the base of an antenna and expect the Garmin 20 to sort out
>the DC from the RF signal? I suspect so! Cliff Buttschardt K7RR

>From what I have seen, the GPS-20's are >>VERY<< twitchy on their +5v DC
requirements. Apparently there is a processor reset threshold detector
that is set too close to 5.0000v. In my "TAC Lite" (see schematic at URL
ftp://aleph.gsfc.nasa.gov/GPS/totally.accurate.clock/tac-lite.zip or in
the latest TAPR PSR), I found that the GPS-20 would work reliably >>ONLY<<
if the supply voltage was raised to ~+5.2v. In the TAC-LITE, this was done
by lifting the COMMON (i.e. tab, i.e. center pin) on a 7805 above ground
with a ~27 ohm resistor. It changed the GPS-20 from being very unreliable
to perfectly reliable. The new TAC-2 "universal TAC" PCB (now at the PCB
house, hopefully available soon as a TAPRized kit) includes provisions for
such tweaks on the board.

The +5vdc on the antenna connector is coupled with an RF choke (actually
a PCB trace) to the antenna spigot. If you use an ohmmeter between the +5v
pin and the antenna connector, you will find that tyhe resistance is only a
few tenths of an ohm.

To use an MMIC amplifier at the antenna, here's what I do: The output lead
from the MMIC feeds the coax thru a resistor shunted by a small (chip)
capacitor. The standard, simple (i.e. MiniCircuits) MMICs >>MUST<< have a
current limiting resistor. For an MAR-6 MMIC and +5v supply, the resistor
is 100 to 120 ohms. The newer (ang higher gain) ERA-series amplifiers need
a smaller resistor (don't have the value here at work, but I recall it is
30-40ish ohms). This is necessary because the output lead is a "nude" open
collector on the cheap MMICs.

73 de Tom, W3IWI

From kevenm@valtek.com Wed Sep 18 13:39:28 1996
Received: from ns1.secure.net (ns1.secure.net [192.41.1.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA11781 for <aprssig@tapr.org>; Wed, 18 Sep 1996
13:39:26 -0500 (CDT)
Received: from valtek.com by ns1.secure.net; Wed, 18 Sep 1996 12:39:19 -0600 (MDT)
Received: from valtek by valtek.com (SMI-8.6/SMI-SVR4)

```
     id MAA13356; Wed, 18 Sep 1996 12:39:20 -0600
Received: by valtek (4.1/SMI-4.1)
     id AA16583; Wed, 18 Sep 96 12:40:03 MDT
From: kevenm@valtek.com (Keven Miller)
Message-Id: <9609181840.AA16583@valtek>
Subject: Re: Digest mode
To: aprssig@tapr.org (APRSSIG)
Date: Wed, 18 Sep 1996 12:40:02 -0600 (MDT)
X-Mailer: ELM [version 2.4 PL23]
Content-Type: text

I believe you mail to listproc@tapr.org
     set aprssig mail digest


Early I had sent the following script. You save the digest to a file, run this
script to change the file into a mail folder, then change folders.
In the scripts, I default the saved file name as 'dig' and the new mail folder
as 'fold'. So I save my digest mail to a file named 'dig', execute the script
'makedig' and then change folders to 'fold'. Note that the 'fold' mail file is
appended to so you could save, makedig, save, makedig ... multi times before
changing to the folder fold.


### makedig ### Keven Miller KC7LYD ###
file=$1
newfile=$2

if [ -z "$file" ]; then
     file="dig"
fi
if [ -z "$newfile" ]; then
     newfile="fold"
fi

sed -f ~/mail/seddig $file >>$newfile
rm $file

### EOF ###


Here is the sed script file used in the above unix script

### seddig ### Keven Miller KC7LYD ###
# Listserv digest mail splitter
# Keven Miller  kevenm@valtek.com  02-APR-96
#
# Minium header to hold and paste is 1st line "From ..."
 1H
#
# Maximum header to hold and paste is 1st line to 1st blank line
#1,/^$/{
#    /^$/b
```

```
#    /^Subject/b
#    /^Date/b
#    /^Status/b
#    H
#}

#
# find (Blank)\nDate: and insert hold
# A found that past digests from dbinfo.com had "===" just before the
#    "Date:" line.
#
/^=*$/{
     N
     /\nDate\:/!b cont
     s/\n//
     x
     p
     x
}
: cont
### Done ###
--

Keven Miller  KC7LYD
kevenm@valtek.com

From cbuttsch@slonet.org Wed Sep 18 14:00:29 1996
Received: from spork.callamer.com (cbuttsch@spork.callamer.com [199.74.141.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA12187 for <aprssig@tapr.org>; Wed, 18
Sep 1996 14:00:27 -0500 (CDT)
Received: from localhost (cbuttsch@localhost) by spork.callamer.com (8.7.5/8.7.3)
with SMTP id LAA21059; Wed, 18 Sep 1996 11:54:46 -0700 (PDT)
Date: Wed, 18 Sep 1996 11:54:46 -0700 (PDT)
From: Clifford Buttschardt <cbuttsch@slonet.org>
X-Sender: cbuttsch@spork.callamer.com
To: Tom Clark -- W3IWI <clark@tomcat.gsfc.nasa.gov>
cc: aprssig@tapr.org
Subject: Re:Garmin 20 5 V supply and TAC
In-Reply-To: <106540@tomcat.gsfc.nasa.gov>
Message-ID: <Pine.GSO.3.95.960918114837.13316E-100000@spork.callamer.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Tom and the group.  Wonderful reply to my questions!  Yes, I found that
the Garmin supply had to be slightly higher than 5 volts but by
experimentation rather than anything concrete.  I will do the 27 ohm
resistor trick and confirm your results although it certainly will work.
At least knowing some of the theory helps a great deal.  Same on the RF
choke in the antenna lead.  I have a quadrafiler built up in a stainless
pet feeding bowl working just fine but the addition of MAR 6 will help.
     Congratulations on your material in the PSR!  I am looking forward to
the board when TAPR gets it done.  Again it was useful knowing the
limitations of the Garmin unit vs the Motorola unit by reading the PSR.
```

73 to all Cliff Buttschardt K7RR

From karn@qualcomm.com Wed Sep 18 14:06:21 1996
Received: from warlock.qualcomm.com (warlock.qualcomm.com [129.46.52.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA12400 for <aprssig@tapr.org>; Wed, 18 Sep 1996 14:06:17 -0500 (CDT)
Received: from servo.qualcomm.com (servo.qualcomm.com [129.46.101.170]) by warlock.qualcomm.com (8.7.5/1.3/8.7.2/1.12) with ESMTP id MAA24057 for <aprssig@tapr.org>; Wed, 18 Sep 1996 12:05:07 -0700 (PDT)
Received: (from karn@localhost) by servo.qualcomm.com (8.7.5/1.0/8.7.2/1.9) id MAA14849; Wed, 18 Sep 1996 12:04:16 -0700 (PDT)
Date: Wed, 18 Sep 1996 12:04:16 -0700 (PDT)
From: Phil Karn <karn@qualcomm.com>
Message-Id: <199609181904.MAA14849@servo.qualcomm.com>
To: bruninga@nadn.navy.mil
CC: kb5mu@amsat.org, amsat-bb@amsat.org, aprssig@tapr.org
In-reply-to: <Pine.GSO.3.95.960918094337.4673C-100000@arctic> (message from Bob Bruninga on Wed, 18 Sep 1996 09:49:35 -0400 (EDT))
Subject: Re: Apartment antennas!

>WB4APR COMMENT: Just this morning I heard a fellow on 2 meters talking
>about a new FCC edict that PREVENTS any local regulations that prohibit
>the installation of *almost* ANY kind of "VIDEO" receive antennas!

There is quite a bit of info on the FCC's web page, so you can get it
all from the horse's mouth. The Report and Order and a Further Notice
of Proposed Rulemaking can be found in

http://www.fcc.gov/Bureaus/International/Orders/fcc96078.txt

If you browse their site further, you will undoubtedly find other
related information.

Phil

From rambrose@unm.edu Wed Sep 18 14:23:34 1996
Received: from ariel.unm.edu (ariel.unm.edu [129.24.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA12790 for <aprssig@tapr.org>; Wed, 18 Sep 1996 14:23:31 -0500 (CDT)
Received: from ppp_027.unm.edu(really [129.24.14.27]) by ariel.unm.edu
     via sendmail with smtp
     id <m0v3SDS-0007j1C@ariel.unm.edu>
     for <aprssig@tapr.org>; Wed, 18 Sep 1996 13:23:22 -0600 (MDT)
     (Smail-3.2 1996-Jul-4 #6 built 1996-Jul-22)
Date: Wed, 18 Sep 1996 13:26:59 -0900 (PDT)
From: robert <rambrose@unm.edu>
To: APRS SIG <aprssig@tapr.org>
Subject: DFjr: Good or Bad?
X-Sender: rambrose@mail.unm.edu
Message-ID: <Pine.PCW.3.91.960918132417.13631A-100000@ppp_027.unm.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is the DFjr worth its price? Is is reliable and easy to use, especially with APRS? I would like to hear the opinions of those who have and use one.

Thanks!

From robert_dannals@tracer.nm.jhu.edu Wed Sep 18 14:39:51 1996
Received: from tracer.nm.jhu.edu (tracer.nm.jhu.edu [128.220.74.16]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA13100 for <aprssig@tapr.org>; Wed, 18 Sep 1996 14:39:39 -0500 (CDT)
Message-ID: <n1369061418.66451@tracer.nm.jhu.edu>
Date: 18 Sep 1996 15:36:15 -0500
From: "Robert Dannals" <robert_dannals@tracer.nm.jhu.edu>
Subject: Re: Apartment antennas!
To: "Bob Bruninga" <bruninga@nadn.navy.mil>
Cc: amsat-bb@amsat.org, aprssig@tapr.org
X-Mailer: Mail*Link SMTP/QM 3.0.0

        Reply to: RE>Apartment antennas!

One can read more about the recent FCC ruling at the Ham Radio Online web site (http://hamradio-online.com/1996/aug/fccanten.html).

They recently wrote: "FCC Ruling Prohibits Unreasonable Restrictions on TV Antennas by Ham Radio Online, 7 August 1996. In a major ruling, the FCC declared void local laws prohibiting or restricting the use of small wireless dish antennas. More significantly, the FCC declared that use of small dish antennas and television receiving antennas can not be restricted by "any private covenant, homeowners' association rule or similar restriction on property within the exclusive use or control of the antenna user". Under the federal pre-emption, all homeowners must be allowed to install TV antennas."

73 de Bob Dannals, W2GG (ex: KE3RA)

      Robert F. Dannals, Ph.D.   Division of Nuclear Medicine
Robert_Dannals@tracer.nm.jhu.edu   Johns Hopkins Medical Institutions
       phone: (410) 955-2916   615 North Wolfe Street, Rm. 2001
         fax: (410) 955-0691   Baltimore, MD   21205-2179

Date: 9/18/96 3:15 PM
To: amsat-bb@amsat.org
From: Bob Bruninga
On Tue, 17 Sep 1996, Paul Williamson wrote:

> >... the new FCC exposure regulations which are not
> >unreasonable in themselves but which might prompt more serious laws...
>
> don't these FCC regs *preempt* local laws, rather than prompting them?

WB4APR COMMENT: Just this morning I heard a fellow on 2 meters talking

about a new FCC edict that PREVENTS any local regulations that prohibit the installation of *almost* ANY kind of "VIDEO" receive antennas! Especially dishes below 1 meter in size. It also permits VHF and UHF antennas too. SO all you have to do is show that you can receive TV on your 2m or 70 cm antennas and you are IN! He says this was published in August.

Why have I not heard a thing about this in the amateur literature? Probably because I have my head in the sand...

mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From sguccion@outland.dtcc.edu Wed Sep 18 14:40:32 1996
Received: from outland.dtcc.edu (sguccion@outland.dtcc.edu [138.123.12.201]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA13097 for <aprssig@tapr.org>; Wed, 18 Sep 1996 14:39:13 -0500 (CDT)
Received: from localhost (sguccion@localhost) by outland.dtcc.edu (8.6.11/8.6.11) with SMTP id PAA06472 for <aprssig@tapr.org>; Wed, 18 Sep 1996 15:38:33 -0400
Date: Wed, 18 Sep 1996 15:38:33 -0400 (EDT)
From: Dr Samuel Guccione <sguccion@outland.dtcc.edu>
X-Sender: sguccion@outland
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4817] Re: Help w/ commercial UHF radio
In-Reply-To: <Pine.GSO.3.95.960917153307.20372B-100000@spork.callamer.com>
Message-ID: <Pine.SV4.3.95.960918153435.6339A-100000@outland.dtcc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Cliff, I use a Trimble active antenna with my GPS-20 and it works very well.

I agree about a stiff supply. I used a 12 volt 3 AmpHour battery for my GPS-20. This supply was not always stiff enough. The 2200 uF capacitor did the job for me.

Sam

On Tue, 17 Sep 1996, Clifford Buttschardt wrote:

> There have been a number of comments regarding the Garmin 20 and the power
> supply requirements needed. I, too, have had a terrible time using most
> home supplies even with large 2000 ufd caps on the output of the 5 volt
> regulator. Apparently, one must turn the unit on from a stiff five
> volt supply, not necessarily turn on a supply in which a large capacitor
> needs to be charged. Can anyone confirm this?
> Another question of interest----is the five volts on the antenna lead
> isolated to the input of the receiver at 1575 MHz? In other words, can I
> use a MMIC at the base of an antenna and expect the Garmin 20 to sort out
> the DC from the RF signal? I suspect so! Cliff Buttschardt K7RR

>
>

****
Dr. Sam Guccione Delaware Technical & Community College
302-741-2802   1832 North duPont Highway
ARS K3BY   Dover, DE 19901
****

From alanwc7r@primenet.com Wed Sep 18 16:10:59 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA15550 for <aprssig@tapr.org>; Wed, 18 Sep 1996 16:08:30 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by mailhost1.primenet.com (8.7.5/8.7.1) with ESMTP id OAA28296 for <aprssig@tapr.org>; Wed, 18 Sep 1996 14:08:05 -0700 (MST)
Received: from primenet.primenet.com (ip200.prc.primenet.com [204.212.56.200]) by primenet.com (8.7.5/8.7.5) with SMTP id OAA15324 for <aprssig@tapr.org>; Wed, 18 Sep 1996 14:07:36 -0700 (MST)
Message-Id: <2.2.32.19960918210759.0067b8fc@mailhost.primenet.com>
X-Sender: alanwc7r@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Sep 1996 14:07:59 -0700
To: aprssig@tapr.org
From: "Alan K. Unangst" <alanwc7r@primenet.com>
Subject: PCMCIA ?????

I understand that there is a PCMCIA card which will add two (2) serial ports to a computer (laptop). With all the conversation going on now, on the SIG, about PCMCIA cards. Does any one know where I can get a dual port PCMCIA card. I understand that a company named Pocket (sp?) makes one but I have been unable to find out any information on them.

In advance, thanks for the help. This should make mobile APRS with GPS and Wx much easier.

73,   Alan
Alan K. Unangst, WC7R
E-mail: alanwc7r@primenet.com
Amateur Radio Packet: WC7R @ KB7FRV

From knupke@babbage.csee.usf.edu Wed Sep 18 16:32:57 1996
Received: from babbage.csee.usf.edu (root@babbage.csee.usf.edu [131.247.1.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA16267 for <aprssig@tapr.org>; Wed, 18 Sep 1996 16:32:55 -0500 (CDT)
Received: from ppp46.stpt.usf.edu (ppp46.stpt.usf.edu [131.247.146.245]) by babbage.csee.usf.edu (8.6.11/8.6.11) with SMTP id RAA04194 for <aprssig@tapr.org>;

Wed, 18 Sep 1996 17:32:41 -0400
Date: Wed, 18 Sep 1996 17:32:41 -0400
Message-Id: <199609182132.RAA04194@babbage.csee.usf.edu>
X-Sender: knupke@babbage.csee.usf.edu
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Paul Knupke Jr." <knupke@babbage.csee.usf.edu>
Subject: Re: [APRSSIG:4821] APRS @ PCMCIA

At 08:06 PM 9/17/96 -0500, you wrote:

>What about a PCMCIA TNC? It seems to me that the time is long overdue
>for such a device. Think about it for a

I work for a company that manufactures PCMCIA modems, ISDN Terminal Adaptors, as well as a few other things. I am sure it could be done but the demand many not be high enough for manufacturers to design, develop and market such a device. I was thinking about the concept recently myself and I am sure there would be buyers but the amateur market is relatively small.

>I think it's time we start a letter writing campaign to the TNC
>manufacturers. Tell them what we want!

Now that is a good idea.

>Whoever comes out with one will sure sell a heck of a lot more of them
>than the radio people with hundreds of different models to choose from!

Exactly. We are the only company with a PCMCIA TA (actually it doubles as a 28.8 modem too for the times one cannot get access to an ISDN line) on the market right now and I am sure whomever would be first to release such a device would take the market by storm.

It might have to be farmed out to one of the PCMCIA manufactures though.

73
Paul E. Knupke, Jr.
Largo, Florida
Amateur Radio KR4YL

From henryvb@dpliv.com Wed Sep 18 16:56:19 1996
Received: from pcweb.dpliv.com (pcweb.dpliv.com [206.31.254.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA17072 for <aprssig@tapr.org>; Wed, 18 Sep 1996 16:56:17 -0500 (CDT)
Received: from ns.dpliv.com ([206.31.254.218]) by pcweb.dpliv.com (8.7.4/8.6.9) with SMTP id RAA23253 for <aprssig@tapr.org>; Wed, 18 Sep 1996 17:01:46 -0500
Message-ID: <32407045.53AA@dpliv.com>
Date: Wed, 18 Sep 1996 16:57:25 -0500
From: henryvb <henryvb@dpliv.com>
Reply-To: henryvb@dpliv.com

Organization: Who's got time to get organized?
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Speed (was: MIC Encoder Velocity)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Tue, 17 Sep 1996 12:31:14 Terrance Kealey spoketh:

> When I was stationary, the velocity was displayed as 140 knots and I
> have seen speeds go as high as 250. When I was driving at about 40
> mph, the speed was displayed as 450.

Sounds like the traffic radar my local cops are using :)

Henry
N9WMM
henryvb@dpliv.com

From jms@pobox.com Wed Sep 18 17:02:25 1996
Received: from kb5yvf.arc.usl.edu (ip18.lafayette.la.interramp.com [38.14.39.18])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA17288 for <aprssig@tapr.org>; Wed,
18 Sep 1996 17:02:22 -0500 (CDT)
Message-Id: <m0v2zDj-00020dC@kb5yvf.arc.usl.edu>
Date: Tue, 17 Sep 96 07:25 CDT
To: aprssig@tapr.org
CC: aprssig@tapr.org
In-reply-to: <19960916.214414.5215.4.W4WWQ@juno.com>
Subject: Re: [APRSSIG:4800] MindSpring not playing fair
From: jms@pobox.com (Johnie Stafford)
Reply-To: jms@pobox.com
X-URL: http://www.pobox.com/~jms

>>> On Mon, 16 Sep 1996 23:55:14 -0500 (CDT), w4wwq@juno.com (Peter J Lascell)
said:

 pjl> My PIPELINE account was closed months ago during the trial period, and
 pjl> there was never any billing, UNTIL TILL THIS CREDIT CARD CYCLE. Now I
 pjl> am being billed for August 96 service.

  Sounds like a PSI problem to me. I would guess that PSI turned over
their subscriber list for the period when you were a trial
subscriber. If nothing else has worked, try sending mail to
bob@mindspring.com. That's Bob McMamarra(sp?), he has been handling
most of the questions on the psi/mindspring transition news group.

     73, Johnie

--
-=-
 Johnie Stafford | Internet E-mail: jms@pobox.com

KB5YVF - Lafayette, LA | Ham Radio Packet: kb5yvf@k5arh.#lftla.la.us.noam
| WWW URL: http://www.pobox.com/~jms
pobox.com for lifetime email -- mail info@pobox.com
-=-

From foga@foothill.net Wed Sep 18 17:12:39 1996
Received: from ns1.foothill.net (ns1.foothill.net [206.170.175.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA17625 for <aprssig@tapr.org>; Wed, 18 Sep 1996
17:12:03 -0500 (CDT)
Received: from yosemite-d38.foothill.net (yosemite-d38.foothill.net
[207.104.160.38]) by ns1.foothill.net (8.6.9/8.6.12) with SMTP id PAA25446 for
<aprssig@tapr.org>; Wed, 18 Sep 1996 15:23:56 -0700
Date: Wed, 18 Sep 1996 15:23:56 -0700
Message-Id: <199609182223.PAA25446@ns1.foothill.net>
X-Sender: foga@foothill.net (Unverified)
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: foga@foothill.net (DAN FOGARD)
Subject: MINIMUM SYSTEM

WHAT IS THE SIMPLE WAY TO BUILD A MINIMUM SYSTEM ON A 1.44 MEG DISK

WANT TO USE IT ON A NON-HARD DISK LAPTOP....INSTRUCTION IN INSTALL .TXT ARE

PRETTY SHORT AND NOT TO CLEAR..........

APRECIATE SOME FEEDBACK
DAN W6PRL

From bruninga@nadn.navy.mil Wed Sep 18 17:59:48 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA19451 for <aprssig@tapr.org>; Wed, 18
Sep 1996 17:59:45 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id TAA04927 for <aprssig@tapr.org>; Wed, 18 Sep 1996
19:04:46 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Sep 1996 19:04:46 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: N1IUH address?
Message-ID: <Pine.GSO.3.95.960918190339.4868A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

He send a request for a Rhode Island Map but no return address. ANyone
know him and can tell him of the problem?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Wed Sep 18 18:10:26 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA20212 for <aprssig@tapr.org>; Wed, 18
Sep 1996 18:10:25 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id TAA05274 for <aprssig@tapr.org>; Wed, 18 Sep 1996
19:15:25 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Sep 1996 19:15:25 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4850] gate, wide, wide, wide on hf
In-Reply-To: <324020FF.3CE7@tir.com>
Message-ID: <Pine.GSO.3.95.960918191034.4868C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Sep 1996, Roger Breckon was chatting on his kbrd with K1HJC:

> Fm K1HJC :Hi Roger..yes..but problem not your's. Think one or more
> :gates adding additional 2 wides to all HF stns...
> :When viewed on HF side, you only have GATE, WIDE in unproto..
> :on VHF side, you have GATE, WIDE, WIDE, WIDE>>
> :I'm only on vhf here....I see all HF stns via local gateway in
> :Mass....W1ON-3. All HF stns show up with GATE,WIDE,WIDE,WIDE hr
> :even though they really only have GATE, WIDE in their unproto>

APRSdos REPLY/COMMENT: This W1ON-3 is becomming suspicious to me. It was
one of the stations with a questionable path in the firstplace... On HF
he is going through a DIGI on HF, then GATE, then WIDE,WIDE... I have
sent him messages, but gotten no ACK yet. There is no way that a GATE
can add the WIDE,WIDE,WIDE to the path..... Unless he has written his
own GATEWAY. Please find out how he is doing this?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From wa8inz@cris.com Wed Sep 18 18:33:46 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA21098 for <aprssig@tapr.org>; Wed, 18
Sep 1996 18:33:41 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/18 1.1))
     id TAA02640; Wed, 18 Sep 1996 19:32:45 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80451.concentric.net [206.173.119.51])
     by cliff.cris.com (8.7.5)
     id TAA13838; Wed, 18 Sep 1996 19:33:32 -0400 (EDT)
Message-ID: <3240A2E8.7148@cris.com>
Date: Wed, 18 Sep 1996 18:33:28 -0700

From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4855] DFjr: Good or Bad?
References: <Pine.PCW.3.91.960918132417.13631A-100000@ppp_027.unm.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

robert wrote:
>
> Is the DFjr worth its price? Is is reliable and easy to use, especially
> with APRS? I would like to hear the opinions of those who have and use
> one.
>
> Thanks!

Well Robert that's a big question Hi. Is it reliable, that remains to be seen it's not been on the market all that long. Does it work YES it does a great job and never failed to point right to the signal. Could it be better, of course it could. There are some features that should have been though out a little better in my opinion, but then again when you use of the shelf parts you don't have to much choice as to design. I don't care for the way the cables enter the DFjr since the spacing for the 3 connectors isn't enough, this eventually will cause problems. The tactile buttons suppose to require very little pressure to make, but i found the two outher once to require more then they should because they are located to close to the edge of the case , and of course this is due to them using a off the shelf case that realy is to small for the components. There are several other things that could be improved, but don't look for them to happen anytime soon. The antenna switching unit was suppose to have been potted to waterproof the unit, this wasn't done and the reason for this was that they had problems with a number of switchers and of course potting them would make it nearly impossible to repair them. Agrelo is very good as far as standing behind their products as far as i have heard. I did ask if the switcher would be covered under warranty if it blew because of water entering the unsealed coax leads running into the switcher, i never got an answer to that question instead i was told to use a hot gluegun to seal the coax. Instead of using Hotglue (Don't like the stuff) i build a radome over the antenna swichbox that actually serves another purpose. It hold the 4 antennas at the right spacing (90 Degree apart). The reason i did this was due to the x brace only having one bolt in the center (With a compression pin) to hold the x brace in place, and i found that after several installations and removals from my pickup that the antenna's where not 90 degrees apart anymore, this is another mechanical design flaw in my humble opinion. But what piece of equipment have you ever bought that was perfect in everyway, i haven't found any yet.

All in all i like the DFjr and it does the job it was designed to do. I have had many messages from those that do have the unit and all rave about it's performance. Would i buy one again YES i would. Is it easy to use, well that depends what you call easy maybe hard to the next guy, i haven't had any problems using it and for me that's great because i'm one of those people that

try before reading the instructions (What instructions) Hi. By the way be carefull on what receiver you use with it. I started out by using a Rat Shack 2022 scanner and upon a long installation project found it doesn't work with the DFjr because all i could hear in the speaker was the DFjr processor. I now use it with my Yaesu FT5100 and that works great. Joe probibly will hate me for writing this, but o well i tell it as i see it and some people can't deal with that i guess. This is my opinion on the DFjr like it or not, besides you asked Hi.
--

                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com

    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From AC6JA@aol.com Wed Sep 18 18:50:26 1996
Received: from emout03.mail.aol.com (emout03.mx.aol.com [198.81.11.94]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA21724 for <aprssig@tapr.org>; Wed, 18 Sep 1996 18:50:22 -0500 (CDT)
From: AC6JA@aol.com
Received: by emout03.mail.aol.com (8.6.12/8.6.12) id TAA29565 for aprssig@tapr.org; Wed, 18 Sep 1996 19:49:52 -0400
Date: Wed, 18 Sep 1996 19:49:52 -0400
Message-ID: <960918194951_481445080@emout03.mail.aol.com>
To: aprssig@tapr.org
Subject: KPC-9612 SOLD!

the kantronics KPC-9612 has been sold. tnx!

the PacComm HandiPacket is still for sale. asking $150 or best offer, and will ship anywhere.

Mike AC6JA

From z004391b@bcfreenet.seflin.lib.fl.us Wed Sep 18 19:46:23 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA23318 for <aprssig@tapr.org>; Wed, 18 Sep 1996 19:46:21 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id UAA14916; Wed, 18 Sep 1996 20:45:42 -0400
Date: Wed, 18 Sep 1996 20:45:41 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:4797] HF
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <323DF4B5.15C4@slkc.uswest.net>
Message-ID: <Pine.3.89.9609182012.C28657-0100000@bcfreenet.seflin.lib.fl.us>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Peter, W7LUS, has a request that all zero beat to his station. He has
the kind of TNC that is accurate to a hertz or so and has zero-beat
himself to one of the often-heard stations in the NE.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Mon, 16 Sep 1996, Doug Wetzel wrote:

> Is it my imagination, or is the 30m net split into two frequencies about
> 400 hz apart? The west coast stations (and some others) appear to be on
> 10.1514 (I have a PK232), with everyone else on 10.1515.
>
> How about if we all take the time to zero beat someone in the middle?
> N0AN or KU0G perhaps?
>
> Doug
> KC7CO
>

From n2czf@magg.net Wed Sep 18 21:19:46 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA25903 for <aprssig@tapr.org>; Wed, 18 Sep 1996
21:19:43 -0500 (CDT)
Received: from Cybergate (wpb-205.magg.net [205.218.112.205]) by grumpy.magg.net
(8.7.6/8.7.6-Zaph-1) with SMTP id WAA14391 for <aprssig@tapr.org>; Wed, 18 Sep
1996 22:19:37 -0400
Message-Id: <199609190219.WAA14391@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Sep 1996 02:19:01 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:4867] Re: HF

What kind of TNC is that ? I have never heard of a TNC that is accurate to a
hertz or so. What I mean is that I have never known that it matters what
quality of TNC you have when it comes to RF frequency. I have always thought
that is a factor of the radio not TNC.

>Peter, W7LUS, has a request that all zero beat to his station. He has
>the kind of TNC that is accurate to a hertz or so and has zero-beat
>himself to one of the often-heard stations in the NE.
>
>
>John W. Wilson, KN4HX

>z004391b@bcfreenet.seflin.lib.fl.us
>
73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net (E-Mail)
http://www.magg.net/~n2czf (Personal)
http://www.magg.net/~n2czf/aprs.html (Florida APRS)
http://www.magg.net/~n2czf/brothers.html (Brothers to the Rescue Human Rights Group)

From n2czf@magg.net Wed Sep 18 21:33:37 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26368 for <aprssig@tapr.org>; Wed, 18 Sep 1996 21:33:34 -0500 (CDT)
Received: from Cybergate (wpb-205.magg.net [205.218.112.205]) by grumpy.magg.net (8.7.6/8.7.6-Zaph-1) with SMTP id WAA15447 for <aprssig@tapr.org>; Wed, 18 Sep 1996 22:33:30 -0400
Message-Id: <199609190233.WAA15447@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Sep 1996 02:32:55 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: HF Paths

I have seen several messages on HF and been lurcking in the background looking at UNPROTO paths myself. It is a very simple process to follow.

RELAY and WIDE are a ALIAS only viable on VHF circuits
ECHO is a vaild ALIAS on HF Circuits but has never been encouraged

Now there MAY BE some stations on HF with something other than ECHO but this is NOT THE SUGGESTED STANDARD! I personally have removed ECHO from my HF alias, at one time too many people were using ECHO for no good reason, anyone can still digi via a SPECIFIC callsign even if there is no generic alias and DIGI is set to ON. Now the people who really need ECHO (just a few mobiles) will only digipeat via a few other dozen HF stations but at least I am not adding to the problem. If someone needs my specific location as a digi then they can enter my callsign in the path and still use it. The use of a specific callsign is the appropriate way of digipeating on HF if and only if needed.

If you have set your ALIAS to RELAY or WIDE on HF please do not, it is not the standard and adds to the chaos that can come about very easy on HF. If anything set it to ECHO or some unknown ALIAS so others are encouraged to use specific paths. The idea of ECHO use in special situations is a good one but it has been abused in the past.

73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net (E-Mail)

http://www.magg.net/~n2czf (Personal)
http://www.magg.net/~n2czf/aprs.html (Florida APRS)
http://www.magg.net/~n2czf/brothers.html (Brothers to the Rescue Human Rights Group)

From AA8JK@aol.com Wed Sep 18 21:37:51 1996
Received: from emout01.mail.aol.com (emout01.mx.aol.com [198.81.11.92]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA26489 for <aprssig@tapr.org>; Wed, 18 Sep 1996 21:37:47 -0500 (CDT)
From: AA8JK@aol.com
Received: by emout01.mail.aol.com (8.6.12/8.6.12) id WAA19717 for aprssig@tapr.org; Wed, 18 Sep 1996 22:37:10 -0400
Date: Wed, 18 Sep 1996 22:37:10 -0400
Message-ID: <960918223710_481559319@emout01.mail.aol.com>
To: aprssig@tapr.org
Subject: TAWG FALL APRS CONFERENCE ë96

FIRST ANNOUNCEMENT

TAWG FALL APRS CONFERENCE ë96
October 26, 1996
Columbus, Ohio

Bringing together a contingent of APRS technologists to discuss recent progress within the tri-state (Ohio, Indiana, & Kentucky) area and the direction for the future.

Everyone with an interest in APRS is invited.

The Columbus, Ohio site was chosen to be a central location for attendance for hams in Pennsylvania, West Virginia, Northern Ohio, and many of the TAWG members.

Topics to be addressed include:
* Recent APRS network achievements as well as future challenges.
* Committees to promote APRS activities.
* APRS interface with the National Weather Service.
* Question & answer session for newcomers.
* Other activities to be announced.

SPECIAL EVENTS
* A GPS Video (Approximately 20 minutes).
* A demonstration and progress report on ERIC (Electronic Roadway Information Companion). ERIC monitors data from your GPS and through an internal synthesized voice guides you along the way. ERIC adds speech to your GPS. Innovation at work.

LOCATION:
Whetstone Branch
Columbus Metropolitan Library

3909 N. High Street
(Near the entrance to the Park of Roses.)
Columbus, Ohio
Destination Waypoint - 40-02.47N 083-01.19W

DATE/TIME October 26, 1996 1030 - 1500 local

TALK-IN: 147.17+ Repeater

SPONSOR: Tri-State APRS Working Group (TAWG)

All are encouraged to attend. For further information contact:

Sid, AA8JK
e-mail: AA8JK@aol.com
Packet: AA8JK@n8jsf.oh
Phone: 937.866.3911 (New Area Code)
513.866.3911 (Old Area Code)

From bruninga@nadn.navy.mil Wed Sep 18 21:40:33 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26572 for <aprssig@tapr.org>; Wed, 18 Sep 1996 21:40:30 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id WAA09782 for <aprssig@tapr.org>; Wed, 18 Sep 1996 22:45:32 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Sep 1996 22:45:32 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Indianapolis Maps
Message-ID: <Pine.GSO.3.95.960918224334.9613A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just posted INAPOLIS.ZIP which is an improved indianapolis 32 mile map which adds rivers and streams and county lines to the existing INAPOLIS.map.

But, while posting, I notice that someone else has posted INMAPS06.zip which probably has much better maps anyway...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From jlawyer@mail.airmail.net Wed Sep 18 22:08:02 1996
Received: from mail.airmail.net (mail.airmail.net [206.66.12.40]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA27587 for <aprssig@tapr.org>; Wed, 18 Sep 1996 22:07:55 -0500 (CDT)
Received: by mail.airmail.net (/\##/\ Smail3.1.30.16 #30.74)
     id <m0v3ZSy-000FAiC@mail.airmail.net>; Wed, 18 Sep 96 22:07:52 -0500 (CDT)
Message-ID: <3240B46E.26F6@mail.airmail.net>

Date: Wed, 18 Sep 1996 21:48:14 -0500
From: Jim Lawyer <jlawyer@mail.airmail.net>
X-Mailer: Mozilla 2.01KIT (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: (no subject)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

SUBSCRIBE

From ke4htm@bluenet.net Wed Sep 18 22:11:38 1996
Received: from prophet.bluenet.net (prophet.bluenet.net [205.244.98.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA27712 for <aprssig@tapr.org>; Wed, 18
Sep 1996 22:11:36 -0500 (CDT)
Received: from ke4htm.bluenet.net by prophet.bluenet.net via SMTP
(940816.SGI.8.6.9/940406.SGI)
     for <aprssig@tapr.org> id WAA19408; Wed, 18 Sep 1996 22:57:36 -0700
Message-Id: <2.2.32.19960919031135.0069f6dc@bluenet.net>
X-Sender: ke4htm@bluenet.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Sep 1996 23:11:35 -0400
To: aprssig@tapr.org
From: "Jamie R. Dean" <ke4htm@bluenet.net>
Subject: New APRS Web Site

Come Vist The Western North Carolina APRS Web Site at
http://www.bluenet.net/ke4htm
It has all the lastest files and NC maps and maplists.

See ya there,
Jamie

From dwetzel@slkc.uswest.net Wed Sep 18 22:42:05 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA28810 for <aprssig@tapr.org>; Wed, 18
Sep 1996 22:42:03 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup44.slkc.uswest.net
[206.81.132.14]) by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id VAA29155
for <aprssig@tapr.org>; Wed, 18 Sep 1996 21:42:01 -0600
Message-ID: <3240C10E.5AB5@slkc.uswest.net>
Date: Wed, 18 Sep 1996 21:42:06 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4867] Re: HF
References: <Pine.3.89.9609182012.C28657-0100000@bcfreenet.seflin.lib.fl.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John W Wilson wrote:
>
> Peter, W7LUS, has a request that all zero beat to his station. He has
> the kind of TNC that is accurate to a hertz or so and has zero-beat
> himself to one of the often-heard stations in the NE.
>

Unfortunately, I don't often hear Peter direct. If N0AN, KU0G, or KF0ZH
can hear him and sero beat, those of us west of the Rockies can probably
get back on the dead center of the net.

Doug
KC7CO

From amirault@laraby.tiac.net Wed Sep 18 22:48:04 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA29060 for <aprssig@tapr.org>; Wed, 18 Sep 1996
22:48:02 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id
XAA03160; Wed, 18 Sep 1996 23:51:51 -0400
Date: Wed, 18 Sep 1996 23:51:51 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4850] gate, wide, wide, wide on hf
In-Reply-To: <324020FF.3CE7@tir.com>
Message-ID: <Pine.BSF.3.91.960918234124.2711A-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Sep 1996, Roger Breckon wrote:

> Hello,
>
> I was just kybd ing wit K1HJC
>
> Fm K1HJC
> :Hi Roger..yes..but problem not your's. Think one or more
> :gates adding additional 2 wides to all HF stns...
> :When viewed on HF side, you only have GATE, WIDE in unproto..
> :on VHF side, you have GATE, WIDE, WIDE, WIDE>>
> :I'm only on vhf here....I see all HF stns via local gateway in
> :Mass....W1ON-3. All HF stns show up with GATE,WIDE,WIDE,WIDE hr
> :even though they really only have GATE, WIDE in their unproto>
(snip)
I happened to see this exchange, and seems to verify my suspicion that
our local WIDE is ADDING things when digipeating HF to VHF.

This is the same station that constantly beacons "stats" (what 'port' is
on what freq...how many accesses to each port, and so on) these "stats"
change constantly (the usage part) and virtually everytime I touch a key
I get the message for a NEW BEACON.

Is the capiblilty to add (WIDE's) to an Unproto path within APRS? or is

it something he does with his tnc?

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From kc7lsp@juno.com Wed Sep 18 22:49:11 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA29229 for <aprssig@tapr.org>; Wed, 18 Sep 1996 22:49:09 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail) id WAA12109; Wed, 18 Sep 1996 22:29:06 EDT
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4862] MINIMUM SYSTEM
Message-ID: <19960918.180912.4495.1.KC7LSP@juno.com>
References: <199609182223.PAA25446@ns1.foothill.net>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-8,10,13-14,16-17,19-20,22-28
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Wed, 18 Sep 1996 22:29:06 EDT

On Wed, 18 Sep 1996 17:20:20 -0500 (CDT) foga@foothill.net (DAN FOGARD) writes:

>WHAT IS THE SIMPLE WAY TO BUILD A MINIMUM SYSTEM ON A 1.44 MEG DISK
First format a BLANK disk with the /s attribute to make it bootable.
(i.e. FORMAT A: /S)
Add config.sys & command.com, tailor to your needs.
(To load your programs and bypass the time & date garbage)

If you want APRS compliant protocols in a comm program try HAMlet, it's a simple and small program that
with a simple editor will be under 50K in size. This will give you PLENTY of room left for downloading or logging files. The drawback to HAMlet is..... you cannot clear the screen.

If you want maps, APRS7.7B will fit on the disk, especially if you do not use all the extra maps.

For a plain (NON APRS) packet program I strongly suggest PAX 3.20. It's a 12K TSR, but it's > GREAT <.

You do not need anything fancy to relay APRS or to send your coordinates.
 Although dumb systems cannot
be polled with the ?APRS? command.

Postal   : 313 Cedar Court - Winlock, WA 98596-9777
Packet : KC7LSP@WA7SJN.#WWA.WA.USA.NOAM

Cruise Missile Coordinates :   4631.17N/12255.10W

From clark@tomcat.gsfc.nasa.gov Wed Sep 18 23:24:48 1996
Received: from leo.gsfc.nasa.gov (leo.gsfc.nasa.gov [128.183.77.20]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id XAA00885; Wed, 18 Sep 1996 23:24:45 -0500 (CDT)
Received: from vlbi.gsfc.nasa.gov by leo.gsfc.nasa.gov; Thu, 19 Sep 1996 00:24:26 -0400
Message-Id: <3240BCE8.305E@tomcat.gsfc.nasa.gov>
Date: Thu, 19 Sep 1996 04:24:25 +0100
From: "Tom Clark (W3IWI)" <clark@tomcat.gsfc.nasa.gov>
Reply-To: clark@tomcat.gsfc.nasa.gov
Organization: NASA/GSFC
X-Mailer: Mozilla 3.0b6Gold (Win95; I)
Mime-Version: 1.0
To: aprssig@tapr.org
Cc: wd5ivd@tapr.org
Subject: More GPS-20 followup
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was asked in a non-SIG message to describe the symptoms when the GPS-20 failed to start because of inadequate power supply voltage. What I saw on my first GPS-20 (one of the initial batch that APR bought) was that there was no RS232 NMEA message output and the current drain was abnormally low until a threshold of ~5.1x volts was hit. Then the receiver started sending data and the current drain went up to the expected value. I presume that the increase in current was because the -20's 80188 CPU started working. I tried using the discrete reset pin to force it to start in the low-voltage state with no success. As I reported, my "fix" in the TAC-LITE was to use a supply voltage ~5.2v and it worked fine. The GPS-20 specs say "5V +/- 5%", so all I was doing was to run it near the upper end of the "official" specifications.

Recently I got another GPS-20 from TAPR for the new TAC-2 development effort and tonite I made up the cables to see how it performed. My test jig is precisely that I documented earlier in the PostScript schematic in the file at URL

  ftp://aleph.gsfc.nasa.gov/GPS/totally.accurate.clock/emulate.zip

except that I omitted the 7805 regulator and use a variable bench supply.
The second GPS-20 seems to start just fine at ~4.8v and shows none of the "sluggish" performance of my earlier experiences. Based on this universe of two statistical sample, all I can say is that some GPS-20s are sluggish and some are not. My recommendation remains the same -- since SOME are sluggish, it seems prudent to run with ~5.2v power.

In testing both GPS-20s I always see that the lockup is a bit bizzare. The receiver will be tracking 4-6 satellites, then for a few seconds it

goes crazy, reporting zero or 1 satellite, and then it relocks. It does this "dance" several times and then settles down for a while. This is in contrast to the Motorola ONCORE, where once a satellite is locked, it stays in lock (except during QSB fades when the signal is weak). I can only presume this is because the GPS-20 is only a 2 channel sequential sampling receiver which scans the available satellites, while the Motorola has independent parallel correlators (6 or 8) and each satellite
is viewed full-time. The more complex receiver is more robust, but it costs ~2x as much!

Since the GPS-20 "dances", and because it is slow to lock up, I recommend
that users include a "mini-UPS" to buffer against power glitch induced resets. In the TAC-LITE I did this with a 9v NiCd battery that can run the receiver for 5-10 miinutes, as seen in the schematic at URL

ftp://aleph.gsfc.nasa.gov/GPS/totally.accurate.clock/tac-lite.zip

I did include all the necessary diodes and room for the current-limiting charging resistor in the TAC-2 board that I hope we will be able to announce RSN (Real! Soon! Now!) as a TAPR kit.

Also on aleph (and some of the data is in the latest PSR), are plots of the timing performance of the GPS-20. We found that the 1PPS pulse is about 2 usec EARLY to the UTC second on my first GPS-20 (in the TAC-LITE).
A quick test of the timing on the second GPS-20 that I just powered up tonite shows a similar ~2 usec bias, so my "universe of two" statistical sample shows that the 2 usec bias is generic to the GPS-20.

For those of you with GPS-20s, you might want to try my SHOWTIME clock display program. You do have to add one wire to the RS232 cable to send the 1PPS signal to the DCD handshaking pin on your PC (as shown in the emulate.zip schematic). SHOWTIME will give you the "perfect" clock you have always wanted to have in your shack. To fetch SHOWTIME, do the following:

(1) ftp to aleph at URL

ftp://aleph.gsfc.nasa.gov/GPS/totally.accurate.clock/distribution/

(2) Type "binary" to enable binary file transfer

(3) fetch the most recent big distribution archive with

get showtime.v331.zip temp.zip (or whatever the file is named)

(4) Unzip the temp.zip file with the -d option to a floppy:

pkunzip -d temp a:\

(5) Either do a full setup or update with

```
      C:\>  a:
      A:\>  setup c:

(6) There is a later update to SHOWTIME you might want to get, so also
    fetch  shwtm332.zip  if you want it. Unzipping this will produce
    a file shwtm332.exe which you should put in c:\tac\bin and rename
    to be showtime.exe if you want the latest in the ongoing evolution
    of this software.


73 de Tom, W3IWI

From cn2859@coastalnet.com Wed Sep 18 23:26:15 1996
Received: from abaco.coastalnet.com (abaco.coastalnet.com [204.183.40.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA00918 for <aprssig@tapr.org>; Wed, 18
Sep 1996 23:26:13 -0500 (CDT)
Received: from cn2859 (pm-wsh1-62.coastalnet.com [205.245.121.62]) by
abaco.coastalnet.com (8.6.12/8.6.12) with SMTP id AAA25660 for <aprssig@tapr.org>;
Thu, 19 Sep 1996 00:25:23 -0400
Message-Id: <1.5.4.32.19960919042728.00672384@abaco.coastalnet.com>
X-Sender: cn2859@abaco.coastalnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Sep 1996 00:27:28 -0400
To: aprssig@tapr.org
From: "David Michael Gaytko   ***@***   WD4KPD/FM15mm" <cn2859@coastalnet.com>
Subject: test for me!

nada!

From rsellers@firecraker.com  Wed Sep 18 23:48:03 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id XAA02599 for <aprssig@tapr.org>; Wed, 18 Sep 1996
23:47:55 -0500 (CDT)
Date: Wed, 18 Sep 1996 23:47:55 -0500 (CDT)
Message-Id: <199609190447.XAA02599@tapr.org>
X-ROUTED: Wed, 18 Sep 1996 23:48:02 -0500
Received: from RSELLERS [199.190.124.20] by rockford.com with smtp
     id BHCPBMDN ; Wed, 18 Sep 1996 23:47:28 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4858] PCMCIA ?????

>I understand that there is a PCMCIA card which will add two (2) serial ports
>to a computer (laptop). With all the conversation going on now, on the SIG,
>about PCMCIA cards. Does any one know where I can get a dual port PCMCIA
>card. I understand that a company named Pocket (sp?) makes one but I have
```

>been unable to find out any information on them.
>
 I bought a single port PCMCIA serial card for about $120 from a mail order company. Check any mail order catalog. I have Insight, CDW, and Datacomm. Try www.insight.com or www.cdw.com on the web.
  Hope this helps. It fixed my single port problem. I dont much like the PCMCIA connector though. too flimsy.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From ad4bl@juno.com Wed Sep 18 23:48:15 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA02699 for <aprssig@tapr.org>; Wed, 18 Sep 1996 23:48:12 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)
     id AAA09901; Thu, 19 Sep 1996 00:00:00 EDT
To: aprssig@tapr.org
Date: Wed, 18 Sep 1996 21:35:13 CDT
Subject: Re: gate, wide, wide, wide on hf
Message-ID: <19960918.203636.3390.4.ad4bl@juno.com>
References: <Pine.GSO.3.95.960918191034.4868C-100000@arctic>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0,2-43
From: ad4bl@juno.com (Linda G Mullen)

On Wed, 18 Sep 1996 18:22:31 -0500 (CDT) Bob Bruninga <bruninga@nadn.navy.mil> writes:
>On Wed, 18 Sep 1996, Roger Breckon was chatting on his kbrd with
>K1HJC:
>
>> Fm K1HJC :Hi Roger..yes..but problem not your's. Think one or more
>> :gates adding additional 2 wides to all HF stns...
>> :When viewed on HF side, you only have GATE, WIDE in unproto..
>> :on VHF side, you have GATE, WIDE, WIDE, WIDE>>
>> :I'm only on vhf here....I see all HF stns via local gateway in
>> :Mass....W1ON-3. All HF stns show up with GATE,WIDE,WIDE,WIDE hr
>> :even though they really only have GATE, WIDE in their unproto>
>
>APRSdos REPLY/COMMENT: This W1ON-3 is becomming suspicious to me. It
>was
>one of the stations with a questionable path in the firstplace... On
>HF
>he is going through a DIGI on HF, then GATE, then WIDE,WIDE... I have
>sent him messages, but gotten no ACK yet. There is no way that a GATE

>can add the WIDE,WIDE,WIDE to the path..... Unless he has written his
>own GATEWAY. Please find out how he is doing this?
>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

I am copying W1ON-3 in Lynn Haven FL today Sept 18...this is the first
time I have seen this station. On the Digi list this is his beacon:

W1ON-3 >APRS, W7LUS, GATE, WIDE, WIDE*

I also copied NWSPTC TEMP STATION IN FAYETTEVILLE
When I hooked the station it showed a callsign KB4KZY-2

Also GHCC no ID was just next to KE4ROC

Nice band opening today in the South East US!

Linda Mullen AD4BL DEC East Panhandle District
Northern Florida Section
Email   ad4bl@juno.com   or ad4bl@beaches.net
Everything worth doing is scary

From kc5ejk@onramp.net Wed Sep 18 23:58:09 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA02981 for <aprssig@tapr.org>; Wed, 18 Sep 1996
23:58:08 -0500 (CDT)
Received: from [199.1.11.107] (dal07.onramp.net [199.1.11.107]) by
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id XAA22699 for <aprssig@tapr.org>;
Wed, 18 Sep 1996 23:58:03 -0500 (CDT)
Message-Id: <v02140b00ae6690d3387d@[199.1.11.157]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Sep 1996 23:58:36 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:4858] PCMCIA ?????

>I understand that there is a PCMCIA card which will add two (2) serial ports
>to a computer (laptop). With all the conversation going on now, on the SIG,
>about PCMCIA cards. Does any one know where I can get a dual port PCMCIA
>card. I understand that a company named Pocket (sp?) makes one but I have
>been unable to find out any information on them.
>

"SOCKET" lists a multi-port OEM unit,
I use the Socket single port PC unit , work even on my MAC

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From tomb@avoca.nwscc.sea06.navy.mil Thu Sep 19 07:52:16 1996
Received: from cobra.nwscc.sea06.navy.mil (cobra.nwscc.sea06.navy.mil
[130.163.65.90]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA16394 for
<aprssig@tapr.org>; Thu, 19 Sep 1996 07:52:14 -0500 (CDT)
Received: from avoca.se.crane.navy.mil (avoca.se.crane.navy.mil [130.163.8.61]) by
cobra.nwscc.sea06.navy.mil (8.6.12/8.6.12) with ESMTP id HAA19979 for
<aprssig@tapr.org>; Thu, 19 Sep 1996 07:52:12 -0500
Received: from AVOCA/SpoolDir by avoca.se.crane.navy.mil (Mercury 1.21);
    19 Sep 96 07:52:13 -0500 (EST)
Received: from SpoolDir by AVOCA (Mercury 1.21); 19 Sep 96 07:51:49 -0500 (EST)
Received: from tomb.nwscc.sea06.navy.mil by avoca.se.crane.navy.mil (Mercury
1.21);
    19 Sep 96 07:51:42 -0500 (EST)
Received: by tomb.nwscc.sea06.navy.mil with Microsoft Mail
     id <01BBA5FF.62B9AE00@tomb.nwscc.sea06.navy.mil>; Thu, 19 Sep 1996 07:51:37
-0500
Message-ID: <01BBA5FF.62B9AE00@tomb.nwscc.sea06.navy.mil>
From: Tom Busch <tomb@avoca.nwscc.sea06.navy.mil>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:4871] Indianapolis Maps
Date: Thu, 19 Sep 1996 07:51:31 -0500
Encoding: 11 TEXT, 35 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

>
I just posted INAPOLIS.ZIP which is an improved indianapolis 32 mile map
which adds rivers and streams and county lines to the existing
INAPOLIS.map.

But, while posting, I notice that someone else has posted INMAPS06.zip
which probably has much better maps anyway...

It was me. I added four-mile maps for Indianapolis. A thirty-two mile map will
be great.

TomB


```
begin 600 WINMAIL.DAT
M>)\^(B4,`0:0" `$`````!``$``0>0!@`(````Y 0```````#H``$-@ 0`
M`@````(``@`!!) &``P!```!````# ````,``# #`````"P`/#@`````"`?\/
M`0```#\``````````@2L?I+ZC$!F=;@#=`0]4`@````!A<')S<VEG0'1A<'(N
M;W)G`%--5% `87!R<W-I9T!T87!R+F]R9P``'@`", $````%````4TU44 ``
M```>``,P`0```!$```!A<')S<VEG0'1A<'(N;W)G``````,`%0P!`````P#^
M#P8````>``$P`0```!,````G87!R<W-I9T!T87!R+F]R9R<```(!"S !````
M%@```%--5% Z05!24U-)1T!405!2+D]21P````,``#D`````"P! .@$````"
M`?8/`0````0````````#$RX!"( ''!@```!)4$TN36EC<F]S;V9T($UA:6PN
M3F]T90`Q" $$@ $`)0``%)%.B!;05!24U-)1SHT.#<Q72!);F1I86YA<&]L
M:7,@36%P<P!\"P$%@ ,`#@```,P'"0`3``<`,P`?``0`3 $!(( #``X```#,
M!PD`$P`''#$`(P`$`$X!`0F `0`A````03E",#@R141&,3$Q1# Q,4(Q0D$P
M,$,P-$9$0T0W13<`3P<!`Y &`'0#```2````"P`C```````#`"8```````L`
M*0```````P`V``````! `#D`@*K=1RFFNP$>`' ``0```"4```!213H@6T%0
M4E-324<Z-#@W,5T@26YD:6%N87!O;&ES($UA<',``````@%Q``$````6````
M`;NF*4?=[8*PJA'Q$="QN@# 3]S7YP``'@`>#  $````%````4TU44 `````>
```

```
M`!\,`0```" ```!T;VUB0&%V;V-A+FYW<V-C+G-E83 V+FYA=GDN;6EL``,`
M!A#?BC-Y`P`'$"0!```>``@0`0```&4```!)2E535%!/4U1%1$E.05!/3$E3
M6DE05TA)0TA)4T%.24U04D]6141)3D1)04Y!4$],25,S,DU)3$5-05!72$E#
M2$%$1%-2259%4E-!3D135%)%04U304Y$0T]53E193$E.15-4`````(!"1 !
M````W0$``-D!``#W`@``3%I&=5.JXCG_``H!#P(5`J@%ZP*#`% "\@D"`&-H
M"L!S970R-P8`!L,"@S(#Q0(`<')"<1'B<W1E;0*#,W<"Y <3`H!]"H (SPG9
M._$6#S(U-0* "H$-L0M@X&YG,3 S%% +"A11)0OR8P! (#X+2C$V-PJ@`V 3
MT&,%0 J+;&D<,S8-\!G<&_9)(&JB=1/ ('!O$\%D'O `3D%03TQ)4RZ 6DE0
M('=H:1%PNB $`" #D0=P&_%V'['E"X!D!S!N81]P'4 $(.HS$>!M`Q!E(O B
M8 J%\2"T861D!" %$"' $:#/(3$?P!/ %A!A;23T!:!2=0(P>2 =0&X'D71*
M;R;0:",P97@$`'3="X!G"H4?YR-1+@J%"H7P0G5T+""B(R$?<B>A>RH@'P!N
M'! @T",P)Q!AM05 <P-P90(@)S%L$; N(!& !" ?=TT@`%,P>#8N>@4@'&8@
MM!OQ8DT!H&PF8"SB;74@X6(?$< 3T 7 (U$A(GEW8?QY+C%P"H<9ZAQL&=\>
M\,<%0#% +^%E+B >\211]Q^Q`A (<"TC!@0@`A H(2LB&36!02<!:0`@>2W\
M='<F\",&(* #$ ,@,%"N( G!*^ I#50#<$(S!045,0`\8 ````,`$! !`````
M`P`1$ `````! ``<P``85`RFFNP% ``@P``85`RFFNP$>`#T``0````4```!2
)13H@`````.3D
`
end
```

```
From schiers@ames.net Thu Sep 19 08:04:33 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA16691 for <aprssig@tapr.org>; Thu, 19 Sep 1996
08:04:32 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609191304.IAA16691@tapr.org>
Received: from [206.29.126.237] by ames.net id 40550.wrk; Thu, 19 Sep 1996
08:02:42 -0600
Date: Thu, 19 Sep 96 07:57:34 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4874] Re: HF
In-Reply-To: <806549@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.14

In <806549@bbs.ames.net>, on 09/18/96 at 11:55 PM,
   aprssig@tapr.org said:

>John W Wilson wrote:
>>
>> Peter, W7LUS, has a request that all zero beat to his station.  He has
>> the kind of TNC that is accurate to a hertz or so and has zero-beat
>> himself to one of the often-heard stations in the NE.
>>

>Unfortunately, I don't often hear Peter direct.  If N0AN, KU0G, or KF0ZH
>can hear him and sero beat, those of us west of the Rockies can probably
>get back on the dead center of the net.

>Doug
>KC7CO

I am all for us getting on one frequency, but let's try to do it right.
Are we talking about zeroing to Peter's digi, or his mobile? Somehow it
```

concerns me that we would be using a mobile station as the standard.
Further, the problem is not necessarily the tones of the tnc being on,
(which is important), but the RADIO has to be on frequency as well, and in
the varying temperature situations that mobile stations face, not to
mention warm-up and cool-down issues, I wonder what we are talking about
here.

I will be happy to comply with whatever we settle on, but let's think
about this a little first. I know I am being heard very well throughout
the USA, so I could serve as a "secondary" gathering point and am willing
to do so.

Since the issue is stability and not absolute accuracy, we want to make
sure that whoever is used as a standard either has a high stability TCXO
radio, or virtually NEVER turns their radio off. With most modern radios
(though not all), if they are left on they are rock solid. I am using a
TS-870s which seems to fall into this category, but I have owned other
modern radios that drifted significantly after a few transmissions.

73,

hasan schiers, N0AN--
---
schiers@ames.net

From dwetzel@slkc.uswest.net Thu Sep 19 08:28:11 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA17100 for <aprssig@tapr.org>; Thu, 19
Sep 1996 08:28:09 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup40.slkc.uswest.net
[206.81.132.10]) by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id HAA06804
for <aprssig@tapr.org>; Thu, 19 Sep 1996 07:28:07 -0600
Message-ID: <32414A63.14ED@slkc.uswest.net>
Date: Thu, 19 Sep 1996 07:28:03 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4883] Re: HF
References: <199609191304.IAA16691@tapr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>
> I will be happy to comply with whatever we settle on, but let's think
> about this a little first. I know I am being heard very well throughout
> the USA, so I could serve as a "secondary" gathering point and am willing
> to do so.

With the band conditions as they are, I vote for Hasan as frequency
czar ....

KC7CO
Doug

From barrettd@crpl.cedar-rapids.lib.ia.us Thu Sep 19 08:37:29 1996
Received: from CRPL.CEDAR-RAPIDS.LIB.IA.US (crpl.cedar-rapids.lib.ia.us
[198.134.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA17388 for
<aprssig@tapr.org>; Thu, 19 Sep 1996 08:37:26 -0500 (CDT)
Received: from ppp-107.cedar-rapids.lib.ia.us by CRPL.CEDAR-RAPIDS.LIB.IA.US with
SMTP;
          Thu, 19 Sep 1996 8:36:04 -0500 (CDT)
Received: by ppp-107.cedar-rapids.lib.ia.us with Microsoft Mail
     id <01BBA606.17419850@ppp-107.cedar-rapids.lib.ia.us>; Thu, 19 Sep 1996
08:39:37 -0500
Message-ID: <01BBA606.17419850@ppp-107.cedar-rapids.lib.ia.us>
From: "David E. Barrett" <barrettd@crpl.cedar-rapids.lib.ia.us>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: U2000 Hex Output
Date: Thu, 19 Sep 1996 08:38:51 -0500
Encoding: 9 TEXT

Some time ago I think it was early last winter, someone posted the
definitions of the U2000 hex strings.The output was !!0020..... ect.
I seem to have misplaced my copy; so if someone could repost, or give me an
idea when that was posted, so I could get it off the archives on tapr, I
would be very pleased.

One other question. If two people running Winaprs mobile are traveling in
the same direction(parallel), with the car windows down, and singing, would
that that mean they were Sproul'n along singing a song, side by side?

From bruninga@nadn.navy.mil Thu Sep 19 08:59:49 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA18128 for <aprssig@tapr.org>; Thu, 19
Sep 1996 08:59:46 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA17668 for <aprssig@tapr.org>; Thu, 19 Sep 1996
10:04:49 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 19 Sep 1996 10:04:49 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4884] Re: HF
In-Reply-To: <32414A63.14ED@slkc.uswest.net>
Message-ID: <Pine.GSO.3.95.960919100114.12553C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Sep 1996, Doug Wetzel wrote:

> > I will be happy to comply with whatever we settle on, but let's think
> > about this a little first. I know I am being heard very well throughout
> > the USA, so I could serve as a "secondary" gathering point and am willing

> > to do so.

APRSdos REPLY/COMMENT: Remember the plan proposed in my docs. The czar sets his MYAlias to TUNE, other 2ndary czars set their aliases to TUNE1, TUNE2 and so forth. THen anyone on freq can just set their path to TUNE and ping a few times to see where the freq is.

This was a general idea for newcommers to a HF freq. It is not so important on 10151, the only APRS freq (so far, hi hi) because there, we can all reemember the czar by callsign.

If someone wants to do me a favor, they could check W3ADO agains W7LUS and lemme know if we have drifted apart...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From Paul_Moller@csg.mot.com Thu Sep 19 09:30:56 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA19197 for <aprssig@tapr.org>; Thu, 19 Sep 1996 09:30:52 -0500 (CDT)
Received: from mothost.mot.com (mothost.mot.com [129.188.137.101]) by motgate2.mot.com (8.7.3/8.6.10/MOT-3.8) with ESMTP id OAA26201 for <aprssig@tapr.org>; Thu, 19 Sep 1996 14:26:37 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by mothost.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id JAA29627 for <aprssig@tapr.org>; Thu, 19 Sep 1996 09:30:18 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id JAA13215 for <aprssig@tapr.org>; Thu, 19 Sep 1996 09:30:13 -0500
Message-Id: <3.0b19.32.19960919093156.006863a0@144.188.134.33>
X-Sender: mollpj@144.188.134.33
X-Mailer: Windows Eudora Pro Version 3.0b19 (32)
Date: Thu, 19 Sep 1996 09:31:57 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: Re: [APRSSIG:4874] Re: HF
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Getting on the proper freq is a good idea, but make sure it is the correct freq. That is actually very simple to do, especially on 30m. Here's how I do it on the 30m band.

Dial up the 10Mhz WWV. Zero beat it by ear. Connect an oscilloscope to your reciver audio. With the Trigger on the oscilloscope set to LINE, tune your radio until the trace stands still, with a period of about 16.7 ms. Its the getting the trace to stand still that is the important part here. Now you are exactly 60 off of 10,000,000 Hz plus or minus the accuracy of the 60hz coming into your house, which is about +/- 2Hz. Read your dial, and determine your dials error. (I have not found a radio yet that is not off freq. by at least 10hz using this method).

Then go park yourself on the correct freq. and let other people who are not
on the correct freq. miss the traffic.

At 10:52 PM 9/18/96 -0500, you wrote:
>> Peter, W7LUS, has a request that all zero beat to his station. He has
>> the kind of TNC that is accurate to a hertz or so and has zero-beat
>> himself to one of the often-heard stations in the NE.
>>
>
Paul Moller
Motorola CSG
847-523-5210
Motorola pager #7378

From dpage@cvpsun174.ti.com Thu Sep 19 09:50:30 1996
Received: from gatekeep.ti.com (news.ti.com [192.94.94.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA20006 for <aprssig@tapr.org>; Thu, 19 Sep 1996
09:50:21 -0500 (CDT)
Received: from osage.csc.ti.com ([192.91.61.31]) by gatekeep.ti.com (8.6.13) with
ESMTP id JAA18497 for <aprssig@tapr.org>; Thu, 19 Sep 1996 09:49:47 -0500
Received: from cvpsun174.cvp.ti.com (cvpsun174.cvp.ti.com [157.170.16.78]) by
osage.csc.ti.com (8.7.5/8.7.3) with SMTP id JAA01423 for <aprssig@tapr.org>; Thu,
19 Sep 1996 09:49:15 -0500 (CDT)
Received: by cvpsun174.cvp.ti.com (4.1/SMI-4.1)
     id AA03734; Thu, 19 Sep 96 09:49:13 CDT
Date: Thu, 19 Sep 96 09:49:13 CDT
From: dpage@cvpsun174.ti.com (Doug Page)
Message-Id: <9609191449.AA03734@cvpsun174.cvp.ti.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4848] Re: Poor Bob!

> At 09:55 AM 9/18/96 -0500, Robert Kirk wrote:
>
> >Just remember, when the chips are down and all these modern,
> >high tech communication systems like APRS start to break down,
> >you can always fall back on the service that the country has always
> >relied on to provide communications in an emergency: cellular.
> >

Good point! I seem to recall reports from HAMs that worked the OKC
bombing and the Ft. Smith, Arkansas tornado that cellular provided excellent
communication. Excellent communication, that is, to those first few members
of the press that were able to get a trunk and camp on it. That and the fact
that cellular is still basically land lines with portable handsets is why the
Red Cross has already recognized the virtual uselessness of cellular in major
emergencies (and many no so major emergencies).

...Anyway, I keep MY spare set of cellular batteries charged just in case. :*)

At 11:46 AM 9/18/96, KC7BXS wrote:

> I hope you're joking. First off, the country has only had "nationwide"
> cellular coverage for about 5 years.
> Unless you live in a state like Arizona where cellular is still restricted
> to major cities and highway corridors. Central (rural) AZ just got cellular
> coverage due only to the fact that the Arizona Repeater Association got a
> new tower on Mt. Ord and is renting space to the cellular providers. We
> have a linked autopatch up there (and have for years), and it still works
> better most of the time when compared to cell phones.
>
> Also, the Northridge (CA) earthquakes show that cellular can and does fail
> when the power goes out and the towers collapse! Ham radio operators from
> Arizona showed up with "instant-up" towers within 24 hours of the disaster
> and had emergency communications on-line. Need I cite other examples? How
> about trying to dial 911 in Philadelphia or LA or Washington DC.?
>

Granted, but don't forget that the larger cellular providers have `Cellular
On Trailer Systems' (COTS). They use them primarily for large events such as
the Super Bowl and the Olympics, but I guarantee you that they are justified
at least in part as being able to provide cellular service ASAP if the
disaster knocks out normal service. This, of course assumes that land lines
(not to mention power) are available.

> >And remember it's just a hobby.
>
> Well, that's one man's opinion. It's a hobby, but I also know a lot of
> volunteer fireman who consider firefighting a hobby...
>

Robert might also want to reread Part 97 to remind himself what the FCC thinks
the purpose of HAM radio is...

MTES.

73,

Doug KC5RRZ

** The opinions expressed are mine (maybe) and do not necessarily represent **
** those of my employer -- or any other sane person, for that matter.   **

From jclakeland@ucdavis.edu Thu Sep 19 09:58:27 1996
Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA20201 for <aprssig@tapr.org>; Thu, 19
Sep 1996 09:58:25 -0500 (CDT)
Received: from DialupEudora by franc.ucdavis.edu (8.7.5/UCD3.5.8)
     id HAA03483; Thu, 19 Sep 1996 07:58:19 -0700 (PDT)
Message-Id: <199609191458.HAA03483@franc.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Thu, 19 Sep 1996 07:59:57 -0800
To: aprssig@tapr.org
From: jclakeland@ucdavis.edu (John Lakeland)
Subject: path control

Hi all,
    I've been acutely aware of the importance of the unproto command since I first started using Mac APRS. It occurrs to me that every APRS station has a computer (unless Digi's don't in which case my thought is irrelevent). Anyway a computer can do rather complex things. Couldn't a computer examine each station's path and either correct it or refuse it if it doesn't conform to some standard? This would prevent most "bad" paths from doing damage. Just a thought.

John Lakeland kc6vlr

From kinahan@cassatt.Mass-USR.COM Thu Sep 19 11:40:41 1996
Received: from perseus.ultra.net (perseus.ultra.net [199.232.56.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA22942 for <aprssig@tapr.org>; Thu, 19 Sep 1996 11:40:29 -0500 (CDT)
Received: from cassatt (cassatt.mass-usr.com [204.249.182.199]) by perseus.ultra.net (8.7.4/dae0.6) with SMTP id MAA24729; Thu, 19 Sep 1996 12:37:12 -0400 (EDT)
Received: from Marconi.mass-usr.com by cassatt (5.x/SMI-SVR4)
     id AA24679; Thu, 19 Sep 1996 12:36:43 -0400
Message-Id: <2.2.32.19960919163426.00ca9d7c@cassatt>
X-Sender: kinahan@cassatt
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Sep 1996 12:34:26 -0400
To: aprssig@tapr.org
From: Tom Kinahan <kinahan@cassatt.Mass-USR.COM>
Subject: WIDE,WIDE,WIDE!
Cc: n1cpe@amsat.org, aps@ieee.org, bruce@testware.com, aardvark@krl.com,
        eparish@netcom.com, eric@waaf.com, jorvedahl@aol.com,
        warakois@world.std.com, jgarrett@world.std.com,
        neil%starfleet.bbn.com@bbn.com, phil@temples.com,
        amirault@laraby.tiac.net, pozerss@cliffy.polaroid.com,
        schwarm@spectre.mitre.org

>From local observation, I think that W1ON-3 is changing the paths of stations gatewaying through him by adding 1 WIDE to whatever the originating station sends. Initially, I think it was being done so that all of the HF stations would be heard by the local WIDE and Digipeated. I get the impression, based on the "nice" status messages it send out, it is a homebrew program doing the path modifications. Clearly APRS won't do that.

 The Sysop of the station is Doc, W1EO. Does anybody know his email address? Maybe some local in the Boston area can drop him a message next time W1EO shows up on the screen? I will if I see him!

73,

Tom Kinahan N1CPE

Tom Kinahan	Phone:	508-871-0305
US Robotics	Fax:	508-366-3626
Massachusetts R&D Lab	Email:	kinahan@mass-usr.com
4 Technology Drive	Amateur Radio:	N1CPE
Westboro, Ma. 01581		

From bruninga@nadn.navy.mil Thu Sep 19 11:44:54 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA23008 for <aprssig@tapr.org>; Thu, 19 Sep 1996 11:44:52 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id MAA13047 for <aprssig@tapr.org>; Thu, 19 Sep 1996 12:49:48 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 19 Sep 1996 12:49:48 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4889] path control
In-Reply-To: <199609191458.HAA03483@franc.ucdavis.edu>
Message-ID: <Pine.GSO.3.95.960919124644.12598A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Sep 1996, John Lakeland wrote:

> .... Anyway a computer can do rather complex things. Couldn't a
> computer examine each station's path and either correct it or refuse it if
> it doesn't conform to some standard? This would prevent most "bad" paths
> from doing damage. Just a thought.

APRSdos REPLY/COMMENT: No. All routing of APRS packets is done by TNC's. The PC or Mac has nothing to do with it... I dont want to hard limit anyone's choice of path when they enter it either, because some paths which are "BAD" most of the time are sometimes good under some unique circumstances...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From schiers@ames.net Thu Sep 19 11:46:59 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA23053 for <aprssig@tapr.org>; Thu, 19 Sep 1996 11:46:48 -0500 (CDT)
From: schiers@ames.net

Message-Id: <199609191646.LAA23053@tapr.org>
Received: from [206.29.126.237] by ames.net id 5d731.wrk; Thu, 19 Sep 1996 11:43:42 -0600
Date: Thu, 19 Sep 96 11:20:43 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4887] Re: HF
In-Reply-To: <806968@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.14

In <806968@bbs.ames.net>, on 09/19/96 at 10:43 AM,
   aprssig@tapr.org said:

>Getting on the proper freq is a good idea, but make sure it is the
>correct freq. That is actually very simple to do, especially on 30m.
>Here's how I do it on the 30m band.

The amount of absolute frequency error is much less a problem than the amount of offset error. Offset error causes the packets to be non-decodable, absolute error (only if severe enough), merely gets you a qsl card from the fcc).

Getting everyone on the same frequency seems to me to be a lot more important than getting everyone on the "right" frequency. My experience during my tenure on 14.109 (13 years worth), pretty well established that most modern radios were "tolerably close" to the frequency they displayed (in order to stay in band and not interfere with other established nets), but that the operator tuning to frequency was just short of awful without someone taking the time to "round guys up" and get them back on frequency.

Just from my own experience, I have much more confidence in zeroing to a polar station or czar who is:

1. active
2. accessible
3. strong

than I do in 50 to 100 people trying to reliably repeat a set of instructions for putting their radio on frequency based on wwv and a scope. Call me pessimistic, but I think the suggestion made, while having technical merit, is unlikely to produce the results we are looking for. Not everyone on the net has a scope, in fact, I bet only a minority have one.

Further, it doesn't matter whether your dial is "right-on" or not, if your radio drifts, or you turn it off and on....the problem re-surfaces at square one.

The only way to "effectively" keep from spreading is to have polar stations that are active, accessible and strong to zero against, and for feedback to be provided to those who are straying. That is what we ended up having to do on 14.109 and it worked. Until we did that, nothing worked and we ended up with discussions of whose radio was more accurate than

some one elses, who knew how to calibrate best, etc. ad nauseum.

Let's figure out who is "supposed" to be the polar station(s), whether they meet some minimal criteria and then help keep each other on frequency by ....gee....communicating...whoa, what a concept.

IMHO, the criteria for being a polar or czar (too authoritarian for my tastes), station would include:

1. On the air, 24 hours per day, 7 days per week.
2. Located so they could be heard by the greatest number of current/potential
   net members.
3. Strong and Stable with a properly calibrated TNC
4. Accessible: be on this list, or at least have an email address THAT THEY
   REGULARLY CHECK, so the vagaries of propagation and keyboard to keyboard
   chatting could be avoided.

Once this gets worked out, I think Bob's suggestion that he refers to in the DOCs to his program about an alias of TUNE for the primary polar station and TUNE1, TUNE2 for secondary polar stations would be a GREAT idea.

What do you guys think?

BTW: I ain't volunteering or advocating for anyone to be these polar stations,
nor would I refuse to help. My concern is to have someone to sit on that I can hear, who is reliable and can be contacted and conversed with easily, i.e., responsive. Since the list is here, it might be a
good starting point for conversation.

73,

hasan schiers, N0AN--
---
schiers@ames.net

From schiers@ames.net Thu Sep 19 13:14:27 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA25623 for <aprssig@tapr.org>; Thu, 19 Sep 1996 13:14:26 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609191814.NAA25623@tapr.org>
Received: from [206.29.126.237] by ames.net id 69920.wrk; Thu, 19 Sep 1996 13:12:38 -0600
Date: Thu, 19 Sep 96 13:11:10 -0500
To: aprssig@tapr.org
Subject: Frequency Centering, 30m

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.14

Re: my last post about polar stations on 30m. I am checking with Bob for propagation to W3ADO. If it is good, I will center on him and those that copy me, can center on me. If this works out, I will put it in my beacon info or some such.

Since I am in the middle of the country and have excellent prop to east and west coast, as well as the south, this should help us pull together. I am also on 24 hrs/day and am told I have a good signal. Using a Kenwood TS-870s, Ameritron FET Amp @ the 30m legal limit and a 10 el log periodic @ 72'.

73,

hasan schiers, N0AN--
---
schiers@ames.net

From clark@tomcat.gsfc.nasa.gov Thu Sep 19 13:18:29 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA25862 for <aprssig@tapr.org>; Thu, 19 Sep 1996 13:18:22 -0500 (CDT)
Date: Thu, 19 Sep 96 18:16:05 UTC
Message-Id: <106661@tomcat.gsfc.nasa.gov>
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
Reply-To: clark@tomcat.gsfc.nasa.gov
To: aprssig@tapr.org
Subject: DGPS Tests in Balto/Wash Area

This message is to inform the APRSers in the Balto/Wash area that I'm planning on re-instituting the W3IWI-13 high accuracy DGPS beacon on 145.79 RSN (Real! Soon! Now! -- like maybe by this weekend). If you have any problems with the plans outlined below, speak up now.

First, let's define DGPS. Your small GPS receiver works by obtaining the time (for position) and frequency (for velocity) data on several (at least 4 for a 3-D position) GPS satellites. The timing is measured with a precision ~100 nsec and the frequency with a precision ~ 0.1 Hz relative to the clock oscillator in your GPS receiver. To get a 3-D position/velocity you need to observe a 4th satellite to "set" the receiver's clock and determine its frequency offset. The timing measurements are usually expressed in distance units and are called pseudo ranges (PR); the frequency data is often called pseudorange rate (PRR) or apparent Doppler offset.

Your receiver munches on the PR/PRR data based on data transmitted by the GPS satellites (at 50 bits/s, in 1500 bit messages sent once/30 sec, which include high accuracy Keplerian elements, time tags, information on the offset and rate of the GPS satellite's atomic clock, etc.) to produce the position/velocity estimate. The accuracy of the estimate is

limited by several factors:

a. Inaccuracies in the broadcast Keplerian elements
b. Inaccuracies in the broadcast clock models
c. Delays that the signals experience passing thru the ionosphere and troposphere
d. RF Multipath at the receiver
e. Inaccuracies & noise within your receiver
f. Dilution of Precision because the spacecraft-to-observer geometry is imperfect and changes with time.

Items (a) and (b) arise in part because they depend on measurements made on the ground with instruments that have all the errors, in part because the physical models don't account for everything (like the Keplerian elements not fully accounting for all the Relativistic corrections, solar radiation pressure on the satellite, inaccuracies in the gravity model, etc). Such errors can amount to a few meters in position.

The most serious (a)+(b) error is that the DoD intentionally degrades the spacecraft's atomic clock performance and may not send the "world's best" Keplerian elements under the policy known as Selective Availability (SA). The most significant SA error is the dithering of the clocks, which results users seeing their position wandering around by up to 100 meters and speed error of 1-2 km/sec even when fixed.

The concept of DGPS attempts to fix several of these errors by doing the following:

1. A high-quality receiver is set up at a permanent site and its position is established accurate to a few cm.
2. This receiver only uses the visible GPS satellites to solve for clock errors and assumes its position is know perfectly.
3. The PR and PRR errors resulting from these assumptions are then broadcast on a separate radio link a few times per minute.

The accepted format for the DGPS data is specified in documentation published by the Radio Technical Committee, Maritime (RTCM) and RTCA (A=aircraft). The common format is officially named RTCM SC-104, but is usually just called RTCM. The data bits are a binary string encoded similarly to the GPS 50b/s downlink with 30-bit words (24 data bits, 6 error correction bits).

RTCM SC-104 data is now routinely transmitted as GMSK data (usually 100 or 200 b/sec) by the Coast Guard in the 280-320 kHz range from sites every few hundred km along the US coast and inland waterways. DGPS data is commercially available transmitted on subcarriers on FM broadcast stations.

These DGPS signals do more than just remove the effects of SA. Since the receiver that generates the correction data is using the same algorithms and data as the user to perform the orbital dynamics calculations, small errors in the ephemeris cancel out, as do errors in the clock models.

If the DGPS site is within ~50 km of you, the atmospheric corrections are similar at both ends.Hence the effects of the errors (a)+(b)+(c) are to a

large extent canceled. In controlled zero-baseline tests (both the DGPS generator receiver and the test receiver operating from the same antenna, hopefully producing a known answer), I have seen sub-meter performance from the Motorola ONCORE receivers and at levels of a few meters from a Garmin GPS-45 with PR/PRR correction messages arriving every 20 seconds.

About 2 years ago, I put the W3IWI-13 DGPS beacon on the air on 145.79 and it operated for several months. The commercial receiver I was using to generate DGPS bits was needed elsewhere, the radio blew up and the antenna came down in an ice storm. I'm about ready to re-institute the service. Here is the setup:

- Site: The Goddard Geophysical & Astronomical Observatory (GGAO) near the intersection of Powder Mill Rd & The B-W Parkway. At GGAO, my group operates the GODE permanent GPS site for the International GPS Service for Geodynamics (IGS). The GODE antenna position is know at the mm-level with respect to the ITRF (International Terrestrial Reference Frame), and the antenna has an multi-port RF power splitter.
- GPS: The RTCM SC-104 signals are generated by a Trimble 4000SSE Geodetic receiver operating from the GODE antenna. The receiver's clock is derived from an external Hydrogen Maser atomic standard, accurate and stable at levels of ~1:10e14. The 4000SSE generates RTCM SC-104 bits at 4800 b/s and is set to a message rate of 20 seconds.

(the above widgets and facilities are clearly non-amateur! The amateur interface is an RS232 connector at 4800 b/sec).

- Amateur: Conventional packet station (TNC2, IC-27 radio, ~8db gain collinear antenna on 30' tower).

When I had W3IWI-13 on last time, I sent DGPS data once/30 sec, digipeating thru WB4APR-1. The 30 second rate proved a bit too slow and the APR-1 link was too marginal, so my plans are to use a 20 sec rate with no digipeaters this time (also, APR-1 is off the air now). The coverage area should be 30-50 km radius, including Baltimore, Washington & Annapolis. The DGPS data will be <UI> frames addressed W3IWI-13>DGPS. The RTCM SC-104 station ID is 0073 (decimal).

As you monitor the UNPROTO frames, the RTCM data will appear as a random string of text characters. When the 30-bit words are transmitted in pseudo-ASCII, 6-bit nibbles are padded to 8 bits and all the resulting characters are non-user-hostile (I hesitate to say user friendly since they are gibberish hieroglyphics!) in that they are all printable (your screen won't clear at random times and there should be no bells!).

So I ask the Balto/Wash APRSers if there are any objections to this added 145.79 QRM. Bob (APR) suggested that I kludge up a smart controller so that users can turn the DGPS beacon on/off remotely, but this isn't in the cards for right now for 2 reasons: (1)I haven't time to kludge the controller, and (2) I want to be able to have totally passive (i.e. receive only) stations make use of the data for some experiments I'm planning.

You can use the W3IWI-13 DGPS data by just plugging your TNC into your GPS

receiver and enabling RTCM (most GPS receivers expect 4800 baud data). In my earlier tests, I was able to get performance of a few meters at my home QTH about 25 km from the GGAO/GODE site. When DGPS is running, you will find that your "I'm stopped but the $*%$#@& GPS still says I'm moving 2.3 MPH" problems will disappear. We haven't tested it for a long time, but APRS software used to support DGPS data just fine, passing <UI> frames addressed to DGPS on to the GPS receiver [Bob -- do you predict it will STILL work??]. You'll know its alive when you see IWI-13 beacons. Please send me reports, especially if you are able to make use of the DGPS data.

73 de Tom, W3IWI
w3iwi@amsat.org

From dbuhrman@les.lincoln.ne.us Thu Sep 19 13:28:37 1996
Received: from rattler.les.lincoln.ne.us (rattler.les.lincoln.ne.us [205.240.125.252]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA26092 for <aprssig@tapr.org>; Thu, 19 Sep 1996 13:28:33 -0500 (CDT)
Received: from rattler.les.lincoln.ne.us (daemon@localhost) by rattler.les.lincoln.ne.us (8.7.2/8.7.2) with ESMTP id NAA14411 for <aprssig@tapr.org>; Thu, 19 Sep 1996 13:29:50 -0500 (CDT)
Received: from watts.les.lincoln.ne.us (watts.les.lincoln.ne.us [204.145.10.1]) by rattler.les.lincoln.ne.us (8.7.2/8.7.2) with SMTP id NAA14407 for <aprssig@tapr.org>; Thu, 19 Sep 1996 13:29:49 -0500 (CDT)
Message-Id: <9609191824.AA50758@watts.les.lincoln.ne.us>
Comments: Authenticated sender is <dmbuhrm@email>
From: "Doug M. Buhrman" <dbuhrman@les.lincoln.ne.us>
Organization: Lincoln Electric System
To: aprssig@tapr.org
Date: Thu, 19 Sep 1996 13:28:01 +600
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT
Subject: Re: [APRSSIG:4887] Re: HF
Priority: normal
X-Mailer: Pegasus Mail for Windows (v2.42a)

Actually the 60Hz is alot closer than +-2 Hz. Generally +-0.25
unless of course you are running from your generator or not connected
to the grid.

> Date: Thu, 19 Sep 1996 09:33:29 -0500 (CDT)
> Reply-to: aprssig@tapr.org
> From: Paul Moller <Paul_Moller@csg.mot.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:4887] Re: HF

> Getting on the proper freq is a good idea, but make sure it is the correct
> freq. That is actually very simple to do, especially on 30m. Here's how I
> do it on the 30m band.
>
> Dial up the 10Mhz WWV. Zero beat it by ear. Connect an oscilloscope to your
> reciver audio. With the Trigger on the oscilloscope set to LINE, tune your
> radio until the trace stands still, with a period of about 16.7 ms. Its

> the getting the trace to stand still that is the important part here. Now
> you are exactly 60 off of 10,000,000 Hz plus or minus the accuracy of the
> 60hz coming into your house, which is about +/- 2Hz. Read your dial, and
> determine your dials error. (I have not found a radio yet that is not off
> freq. by at least 10hz using this method).
>
> Then go park yourself on the correct freq. and let other people who are not
> on the correct freq. miss the traffic.
>
>
> At 10:52 PM 9/18/96 -0500, you wrote:
> >> Peter, W7LUS, has a request that all zero beat to his station. He has
> >> the kind of TNC that is accurate to a hertz or so and has zero-beat
> >> himself to one of the often-heard stations in the NE.
> >>
> >
> Paul Moller
> Motorola CSG
> 847-523-5210
> Motorola pager #7378
>
>
Doug

From bruninga@nadn.navy.mil Thu Sep 19 13:48:15 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA26772 for <aprssig@tapr.org>; Thu, 19
Sep 1996 13:48:12 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id OAA00885 for <aprssig@tapr.org>; Thu, 19 Sep 1996
14:53:14 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 19 Sep 1996 14:53:13 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: GPS via Windows caution!
Message-ID: <Pine.GSO.3.95.960919133448.17869D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have had a BIG roof top stand alone tracker since 93. But, I only tape
it to the roof for major trips or rare special events. All the rest of
the time it sits on my BIG 3 foot by 4 foot dashboard under the largest
sloping windshield in america, the Pontiac Transport (Chevy Lumina, or
Olds Silohette)...

Now remember our trip to Dayton, when Will's GPS-45 would NOT work on
my dashboard, we speculated EMI from my crudely built original tracker
right next to it plus two laptops and 3 radios... and left it at that...

Well today I did some specific GPS-45 testing with only the MIC in the
car and could not even get a fix. Finally held the GPS-45 out the drivers

windows and got 8 satellites FULLSCALE!. Bring it in on the dash, ALL satellites go to ZERO! Remember this is the worlds largest windshield area! and very sloping...

Conclusions. The full size magellan egg shell antenna on my stand alone tracker has always worked on the dashboard (tho I have suspected it was less than perfect) The GPS-45 does not. THe Van has heavy tinted windows all around, but the WINDSHIELD is not tinted... Anyway, it appears that the glass in that window has 15 dB or more of attenuation!

This is a shock to me, since I had planned on using the MIC Encoder with the GPS only on the dash. Turns out my other cars have *NO* problem with the GPS-45 on the dash... and their windows are much smaller and more straight up... So All windows are not created equal!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From sdimse@bridge.net Thu Sep 19 13:53:36 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA27001 for <aprssig@tapr.org>; Thu, 19 Sep 1996 13:53:34 -0500 (CDT)
Received: from (hd32-145.compuserve.com [199.174.228.145]) by bridge.net (8.7.5/8.7.3) with SMTP id OAA09787 for <aprssig@tapr.org>; Thu, 19 Sep 1996 14:50:28 -0400 (EDT)
Message-Id: <199609191850.OAA09787@bridge.net>
Subject: Re: [APRSSIG:4891] Re: path control
Date: Thu, 19 Sep 96 11:53:37 -0700
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>APRSdos REPLY/COMMENT: No. All routing of APRS packets is done by TNC's.
>The PC or Mac has nothing to do with it... I dont want to hard limit
>anyone's choice of path when they enter it either, because some paths
>which are "BAD" most of the time are sometimes good under some unique
>circumstances...
>
Actually, it would not be too dificult to run a TNC in KISS mode, and have the computer play with the forwarding. I have thought about doing something like this, but never got around to working on it. May that is what W1EO is doing.

Steve KO4HD

From bruninga@nadn.navy.mil Thu Sep 19 14:01:42 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA27116 for <aprssig@tapr.org>; Thu, 19 Sep 1996 14:01:38 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil

(8.7.5/8.7.3) with SMTP id PAA03109 for <aprssig@tapr.org>; Thu, 19 Sep 1996
15:06:38 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 19 Sep 1996 15:06:38 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4810] MIC Encoder Velocity
In-Reply-To: <s23e9a79.047@mdc.com>
Message-ID: <Pine.GSO.3.95.960919145850.1756A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 17 Sep 1996, Terrance Kealey wrote:

> I am getting extremely large velocities reported on the APRS display.
> I am using the MIM 1.04 with MIC 1.01

APRSdos REPLY/COMMENT: At first I thought I had the CSE and SPD reversed
in APRS, but have since confirmed that that was fixed back in 75e. I did
two test runs with my APRS MicEncoder and can find no problem with the
course and speed. All appears as expected. I am using a GPS-45, Terrance
was using a GPS-20. Has anyone else seen this problem? Has anyone
noticed any difference in the $GPRMC sentence from the GPS-20 compared to
the GPS-45 in the course and speed fields?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From hammock@wired.jpl.nasa.gov Thu Sep 19 14:20:56 1996
Received: from wired.jpl.nasa.gov (wired.jpl.nasa.gov [128.149.72.59]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA27998 for <aprssig@tapr.org>; Thu, 19 Sep 1996
14:20:36 -0500 (CDT)
Received: by wired.jpl.nasa.gov (931110.SGI/920502.SGI.AUTO)
     for aprssig@tapr.org id AA17381; Thu, 19 Sep 96 12:41:03 -0700
From: "Randy Hammock" <hammock@wired.jpl.nasa.gov>
Message-Id: <9609191241.ZM17379@wired.jpl.nasa.gov>
Date: Thu, 19 Sep 1996 12:41:03 -0700
In-Reply-To: Bob Bruninga <bruninga@nadn.navy.mil>
        "[APRSSIG:4896] GPS via Windows caution!" (Sep 19, 2:01pm)
References: <Pine.GSO.3.95.960919133448.17869D-100000@arctic>
X-Mailer: Z-Mail (3.1.0 22feb94 MediaMail)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4896] GPS via Windows caution!
Content-Type: text/plain; charset=us-ascii
Mime-Version: 1.0

On Sep 19, 2:01pm, Bob Bruninga wrote:
> less than perfect) The GPS-45 does not. THe Van has heavy tinted windows
> all around, but the WINDSHIELD is not tinted... Anyway, it appears that
> the glass in that window has 15 dB or more of attenuation!
>
> This is a shock to me, since I had planned on using the MIC Encoder with

> the GPS only on the dash. Turns out my other cars have *NO* problem with
> the GPS-45 on the dash... and their windows are much smaller and more
> straight up... So All windows are not created equal!

When I look at many of those vans, it appears that the wind"shields" have some
metallized coating. They have a gold tint to them. Polarized sunglasses
really show it.

>-- End of excerpt from Bob Bruninga

--
Randy Hammock   KC6HUR | Jet Propulsion Laboratory
EMail: hammock@wired.jpl.nasa.gov | 4800 Oak Grove Drive
Voice: +1-818-393-1214 | M/S: 264-580
Pager: +1-818-423-2062 | PASADENA CA 91109

From clark@tomcat.gsfc.nasa.gov Thu Sep 19 14:25:13 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA28160 for <aprssig@tapr.org>; Thu, 19
Sep 1996 14:25:09 -0500 (CDT)
Date: Thu, 19 Sep 96 19:15:54 UTC
Message-Id: <106671@tomcat.gsfc.nasa.gov>
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
Reply-To: clark@tomcat.gsfc.nasa.gov
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4896] GPS via Windows caution!

WB4APR said:

> Conclusions. The full size magellan egg shell antenna on my stand alone
> tracker has always worked on the dashboard (tho I have suspected it was
> less than perfect) The GPS-45 does not. THe Van has heavy tinted windows
> all around, but the WINDSHIELD is not tinted... Anyway, it appears that
> the glass in that window has 15 dB or more of attenuation!

You shouldn't be so surprised. The really DARK tinting (quite popular in
this area among the Drug Barons!) is applied as an aftermarket film on
the windows. The "opaque but reflective" coating is chrome vapor deposited
on mylar. What are wire-wound resistors made of? niCHROME wire.

Both WA7CJO and I have used the "drug baron" window covering as microwave
absorbing material, like to tame down amplifiers that wanted to oscillate.
If you have a scrap of the material available, you can test its absorption
properties by sticking it in a microwave oven. If it gets hot, it absorbs.
In the case of the "drug baron" material, the microwave oven test proved
to be a flame test, with the material igniting after a couple of seconds!

So Bob, the basic answer is that you were trying to see GPS thru a thin
film of nichrome wire! The results don't surprise me a bit.

73, Tom

From wa8inz@cris.com Thu Sep 19 14:58:10 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA29570 for <aprssig@tapr.org>; Thu, 19
Sep 1996 14:58:06 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id PAA03601; Thu, 19 Sep 1996 15:57:15 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc000063.concentric.net [206.173.121.63])
     by cliff.cris.com (8.7.5)
     id PAA03943; Thu, 19 Sep 1996 15:58:03 -0400 (EDT)
Message-ID: <3241C1E6.73B0@cris.com>
Date: Thu, 19 Sep 1996 14:57:58 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: HF GATE SIG
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys i think we should start calling this the HF GATE SIG instead of APRS
SIG. All i have seen for the last week and a half is WIDE,WIDE,WIDE, and
i thought we had problems on VHF with this ;-). It sounds to me like you
HF'ers are realy up on all this and are very well organized Hi.
--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From mbary@nmaa.org Thu Sep 19 15:43:22 1996
Received: from mail.nmaa.org (luckier.nmaa.org [204.91.49.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id PAA00704 for <aprssig@tapr.org>; Thu, 19 Sep 1996
15:43:21 -0500 (CDT)
Received: from ppp38.nmaa.org ([204.91.49.38]) by mail.nmaa.org
          (post.office MTA v1.9.1 ID# 0-11620) with SMTP id AAA178
          for <aprssig@tapr.org>; Thu, 19 Sep 1996 16:46:36 -0400
Message-ID: <3241DA45.4053@nmaa.org>
Date: Thu, 19 Sep 1996 16:41:57 -0700
From: mbary@nmaa.org (Mark L. Bary)

X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4896] GPS via Windows caution!
References: <Pine.GSO.3.95.960919133448.17869D-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
> .... THe Van has heavy tinted windows all around, but the WINDSHIELD > is not tinted...

Yes it is; it may not be as deeply tinted (i.e. dark color) as your side or even rear window but it is tinted. Can you see a little blue shaded area at the top? That's the giveaway. Nowadays you almost CANNOT buy a car in the US that does NOT have at least the basic tint from the factory, especially if you order airconditioning in your car. Again, the blue strip at the top of the windshield is the giveaway that you have tinted windows.

Mark
N4EOC

From wa4mej@juno.com Thu Sep 19 15:45:46 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA00756 for <aprssig@tapr.org>; Thu, 19 Sep 1996 15:45:44 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail)
id QAA02152; Thu, 19 Sep 1996 16:44:17 EDT
To: aprssig@tapr.org
Date: Thu, 19 Sep 1996 16:42:47 PST
Subject: Re: [APRSSIG:4893] Frequency Centering, 30m
Message-ID: <19960919.164250.8015.2.wa4mej@juno.com>
References: <199609191814.NAA25623@tapr.org>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,3-4,6-10,13-21
From: wa4mej@juno.com (john w dent)

you all must know that ALL has missed the point ../.
1- the carrire freq. is what YOU are responsible for ,.. if your rig messes up and you tx in a band that your ticket/license is not good for.. oh well ..that in on you..

2- who is on freq.?????????/ DON'T THINK THE OTHER GUY IS HE THAS THE SAME PROBLEM AS YOU ....

3- read part 97 that is your responsibility ,DON'T be miss guided ..

4- i know the FLAME"S are comming BUT befor you do PLEASE get your updated coppy of THE RULES PART 97 IF you don't have them then don't say any thing .

have fun with THE " ART" and help ..

73
john
wa4mej

From kirk@neptune.gsfc.nasa.gov Thu Sep 19 16:27:34 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA02267 for <aprssig@tapr.org>; Thu, 19 Sep 1996 16:27:32 -0500 (CDT)
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C)
     id AA03525; Thu, 19 Sep 96 17:27:24 -0400
Received: from isobar.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP (950911.SGI.8.6.12.PATCH825/920502.SGI) id RAA14590; Thu, 19 Sep 1996 17:31:30 -0400
Message-Id: <2.2.32.19960919212828.006f7044@neptune.gsfc.nasa.gov>
X-Sender: kirk@neptune.gsfc.nasa.gov
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Sep 1996 17:28:28 -0400
To: aprssig@tapr.org, w3iwi@amsat.org
From: Robert Kirk <kirk@neptune.gsfc.nasa.gov>
Subject: Re: DGPS Tests in Balto/Wash Area
Cc: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)

At 13:40 9/19/96 -0500, clark@tomcat (Tom Clark -- W3IWI) wrote:
>
>This message is to inform the APRSers in the Balto/Wash area that I'm
>planning on re-instituting the W3IWI-13 high accuracy DGPS beacon on
>145.79 RSN (Real! Soon! Now! -- like maybe by this weekend). If you have
>any problems with the plans outlined below, speak up now.

Hallelujah; the sun shines once more.

[...]
>So I ask the Balto/Wash APRSers if there are any objections to this added
>145.79 QRM.

QRM, hell. QRM is from frequent position reports from all those fixed QTH's
that move at the speed of continental drift.

[...]
> Please send me reports,
>especially if you are able to make use of the DGPS data.

I'll be out on the bay this weekend listening with my Traxar. (The
sailboat is my real hobby; cause it consumes more money.) A couple of
years ago when you did DGPS I naturally had no trouble copying the digi
from WB4APR-1 on the massive tower in Annapolis harbor. This time it may
be a little more dicey trying to copy the small tower at Goddard, but I'll

give it
a try.

From mpetz@ccm.stlcc.cc.mo.us Thu Sep 19 16:30:27 1996
Received: from ccm.stlcc.cc.mo.us (ccm.stlcc.cc.mo.us [198.209.221.106]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA02386 for <aprssig@tapr.org>; Thu, 19
Sep 1996 16:30:23 -0500 (CDT)
Received: from ccnovix.stlcc.cc.mo.us ([198.209.221.200])
          by ccm.stlcc.cc.mo.us (post.office MTA v1.9.3 ID# 0-13191)
          with SMTP id AAA171 for <aprssig@tapr.org>;
          Thu, 19 Sep 1996 16:29:12 -0500
Message-Id: <2.2.16.19960919164331.3937715a@ccm.stlcc.cc.mo.us>
X-Sender: mpetz@ccm.stlcc.cc.mo.us
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Michael Petz" <mpetz@ccm.stlcc.cc.mo.us>
Subject: Re: [APRSSIG:4896] GPS via Windows caution!
Date: Thu, 19 Sep 1996 16:29:12 -0500

We have a Chevy Lumina. I found that my radar detector was quite deaf when
looking out the front window. Months later, I noticed when I was standing
in front of the van there was a golden tint on the on the front window. I
believe that they must have a very thin film of metal in the glass to
reflect some of the solar energy to cut down the greenhouse effect within
the vehicle. I think that is why you are not receiving the GPS signal.
Since the van is fiberglass, it makes it hard to mount an antenna on the
body, since magnets won't work!
                                Michael
                                KA9HNT

At 02:00 PM 9/19/96 -0500, you wrote:
>I have had a BIG roof top stand alone tracker since 93. But, I only tape
>it to the roof for major trips or rare special events. All the rest of
>the time it sits on my BIG 3 foot by 4 foot dashboard under the largest
>sloping windshield in america, the Pontiac Transport (Chevy Lumina, or
>Olds Silohette)...
>
>Now remember our trip to Dayton, when Will's GPS-45 would NOT work on
>my dashboard, we speculated EMI from my crudely built original tracker
>right next to it plus two laptops and 3 radios... and left it at that...
>
>Well today I did some specific GPS-45 testing with only the MIC in the
>car and could not even get a fix. Finally held the GPS-45 out the drivers
>windows and got 8 satellites FULLSCALE!. Bring it in on the dash, ALL
>satellites go to ZERO! Remember this is the worlds largest windshield
>area! and very sloping...
>
>Conclusions. The full size magellan egg shell antenna on my stand alone
>tracker has always worked on the dashboard (tho I have suspected it was
>less than perfect) The GPS-45 does not. THe Van has heavy tinted windows

>all around, but the WINDSHIELD is not tinted... Anyway, it appears that
>the glass in that window has 15 dB or more of attenuation!
>
>This is a shock to me, since I had planned on using the MIC Encoder with
>the GPS only on the dash. Turns out my other cars have *NO* problem with
>the GPS-45 on the dash... and their windows are much smaller and more
>straight up... So All windows are not created equal!
>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>

From tomb@kiva.net Thu Sep 19 16:42:50 1996
Received: from cobra.nwscc.sea06.navy.mil (cobra.nwscc.sea06.navy.mil
[130.163.65.90]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA02830 for
<aprssig@tapr.org>; Thu, 19 Sep 1996 16:42:49 -0500 (CDT)
Received: from avoca.se.crane.navy.mil (avoca.se.crane.navy.mil [130.163.8.61]) by
cobra.nwscc.sea06.navy.mil (8.6.12/8.6.12) with ESMTP id QAA22870 for
<aprssig@tapr.org>; Thu, 19 Sep 1996 16:42:47 -0500
Received: from AVOCA/SpoolDir by avoca.se.crane.navy.mil (Mercury 1.21);
    19 Sep 96 16:42:47 -0500 (EST)
Received: from SpoolDir by AVOCA (Mercury 1.21); 19 Sep 96 16:42:36 -0500 (EST)
Received: from xyplex1-1-15.intersource.com by avoca.se.crane.navy.mil (Mercury
1.21);
    19 Sep 96 16:42:27 -0500 (EST)
Message-ID: <3241DAEF.47F8@kiva.net>
Date: Thu, 19 Sep 1996 16:44:47 -0700
From: Tom Busch <tomb@kiva.net>
Organization: dis
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Sorry bout that
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a note to say apologize for sending the RTF junk on the SIG. I know
how irritating it can be. I thought I had turned that off, but
apparently not.

Also, thanks for the low-order notes, personal and public, that I got.

TomB

From n2czf@magg.net Thu Sep 19 16:44:39 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA02848 for <aprssig@tapr.org>; Thu, 19 Sep 1996
16:44:38 -0500 (CDT)
Received: from Cybergate (wpb-125.magg.net [205.218.112.125]) by grumpy.magg.net
(8.7.6/8.7.6-Zaph-1) with SMTP id RAA11727 for <aprssig@tapr.org>; Thu, 19 Sep
1996 17:44:35 -0400
Message-Id: <199609192144.RAA11727@grumpy.magg.net>

X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 18 Sep 1996 21:44:18 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:4896] GPS via Windows caution!

I just purchased a Trimble Antenna from PacComm at the Melbourne FL hamfest. All I can say is WOW! With the antenna on the dashboard I can get 4out of 8 Sats all the time, the impressive part is that this is with a METALIC Sunshield on the window!! I am never satisfied with "it works", if this was not impressive enough I then took the antenna and placed it on the only metal surface of my truck (89' Full Size Blazer). The only metal is located in the LOWER half of the dashboard near the glovebox and with the sunshield up I was still copying 4 out of 8 Sats! Note that the Blazer has heavy metalic tint on all rear glass and I have added more tint to the front windows due to the Florida sun.

Needless to say the antenna when on the dash with the shield down or taped to the front of my rearview mirror receives 8 out of 8 Sats most of the time. This is one great antenna and I am sure glad that I am not having any of the problems below. BTW the antenna works very well with the Garmin GPS-50, I have had no problems supplying current to it from the GPS. To tell you the truth I am not even sure if it is active or not but it works for me so I really do not care too much. Hey Gwen, is that thing active ? It sure acts like it is!

>Conclusions. The full size magellan egg shell antenna on my stand alone
>tracker has always worked on the dashboard (tho I have suspected it was
>less than perfect) The GPS-45 does not. THe Van has heavy tinted windows
>all around, but the WINDSHIELD is not tinted... Anyway, it appears that
>the glass in that window has 15 dB or more of attenuation!
>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>
73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net (E-Mail)
http://www.magg.net/~n2czf (Personal)
http://www.magg.net/~n2czf/aprs.html (Florida APRS)
http://www.magg.net/~n2czf/brothers.html (Brothers to the Rescue Human Rights Group)

From bruninga@nadn.navy.mil Thu Sep 19 17:22:39 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA04191 for <aprssig@tapr.org>; Thu, 19 Sep 1996 17:22:37 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil

(8.7.5/8.7.3) with SMTP id SAA24584 for <aprssig@tapr.org>; Thu, 19 Sep 1996 18:27:38 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 19 Sep 1996 18:27:38 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4900] Re: GPS via Windows caution!
In-Reply-To: <106671@tomcat.gsfc.nasa.gov>
Message-ID: <Pine.GSO.3.95.960919182212.23796H-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Sep 1996, someone wrote:

> You shouldn't be so surprised. ... The "opaque but reflective" coating
> is chrome vapor deposited on mylar.
> So Bob, the basic answer is that you were trying to see GPS thru a thin
> film of nichrome wire! The results don't surprise me a bit.

APRSdos REPLY/COMMENT: That tinted windows are conductive I thought was pretty well known. That my windshield is *not* tinted but still exhibits the 15 dB attenuation is what surprised me, hi hi..

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From huey@juno.com Thu Sep 19 17:36:01 1996
Received: from x2.boston.juno.com (x2.boston.juno.com [205.231.101.21]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA04696 for <aprssig@tapr.org>; Thu, 19 Sep 1996 17:35:58 -0500 (CDT)
Received: (from huey@juno.com) by x2.boston.juno.com (queuemail)
     id SAC05772; Thu, 19 Sep 1996 18:34:31 EDT
To: aprssig@tapr.org
Date: Thu, 19 Sep 1996 18:11:15 PST
Subject: Re: [APRSSIG:4896] GPS via Windows caution!
Message-ID: <19960919.181539.10214.2.huey@juno.com>
References: <Pine.GSO.3.95.960919133448.17869D-100000@arctic>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-5,7-10
From: huey@juno.com (Huey M Fourquet)

On Thu, 19 Sep 1996 14:00:12 -0500 (CDT) Bob Bruninga <bruninga@nadn.navy.mil> writes:
>all around, but the WINDSHIELD is not tinted... Anyway, it appears
>that the glass in that window has 15 dB or more of attenuation!
>
Bob, could it be that something under the dash is generating rf noise and desensing the receiver? Maybe someting at the IF frequency?

Huey
KB1RH

From N2ZRC@gnn.com Thu Sep 19 17:54:19 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA05204 for
<aprssig@tapr.org>; Thu, 19 Sep 1996 17:53:56 -0500 (CDT)
Received: from 15-25.client.gnn.com. (15-25.client.gnn.com [205.188.15.25]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id SAA11906 for
<aprssig@tapr.org>; Thu, 19 Sep 1996 18:53:21 -0400 (EDT)
Message-Id: <199609192253.SAA11906@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Sep 1996 18:52:27
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4826] Re: Poor Bob!

On Tue, 17 Sep 1996 Roger Sellers wrote:

>From where I sit at the top of Northern Illinois, we have a
>continuous string of stations that included parts of: Kansas,
>Missouri, Iowa, Illinois, Wisconsin, Indiana, and Michigan ...
>without a band opening or any gateways ... I count 7 for us to
>your 5 <grin>.

     Okay. Here in New York City I normally see stations from:
New Hampshire, Massachusetts, Rhode Island, Connecticuit, New
York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia
not to mention Washington DC. I raise you two states and a
District (hi-hi). 73

               Arte Booten <N2ZRC@gnn.com>
 (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
  [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

I am initiating an inverted tachyon pulse to those coordinates now.

From khufford@erols.com Thu Sep 19 17:55:02 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA05302 for <aprssig@tapr.org>; Thu, 19
Sep 1996 17:54:59 -0500 (CDT)
Received: from khufford.erols.com (man-as1s11.erols.com [206.161.170.11]) by
smtp1.erols.com (8.7.5/8.7.3) with ESMTP id SAA01518 for <aprssig@tapr.org>; Thu,
19 Sep 1996 18:54:52 -0400 (EDT)
Message-Id: <199609192254.SAA01518@smtp1.erols.com>
From: "Kent V Hufford" <khufford@erols.com>
To: <aprssig@tapr.org>
Subject: GPS-20 Engine works!
Date: Thu, 19 Sep 1996 22:54:53 +0100
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I ordered a GPS-20 engine from TAPR right after Dayton. Got it a couple of weeks later. I could not get it to send a full line of data. Tried all the smoothing caps. and such. Tried my GARMIN 45 antenna. Finally Bob said to send it back to TAPR for another one.

I did, just got it to work. Only took me 3 months! Anyway it dumps data fine to Precision Mapping 1.1GPS. More important, it is working right with the PICO TNC w/2nd serial port. Even works right with WINaprs.

Also my DFjr works great... BUT only in standalone mode. I still cannot get it to work with the GPS/TNC/winaprs.

I went and looked at the winAPRS web site. The front end is still dated mid SEP 95, announcing the coming release at Dayton.

Maybe by next Dayton they will get HSP working.

Thought I saw, or read, or was told that the DFjr WORKS with winaprs, GPS, TNC with the DFjr "mulitport adapter"... guess I was just dreaming.

Now if BOB can get the digi's back up so those of us in Northern Virgina can see the rest of the right coast.

Anyone going to the Virgina Beach Ham fest this Sat.?

hope springs eternal..

Kent
KQ4KK

From ttyamada@CCGATE.HAC.COM Thu Sep 19 18:42:46 1996
Received: from igate1.hac.com (igate1.HAC.COM [192.48.33.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA06932 for <aprssig@tapr.org>; Thu, 19 Sep 1996 18:42:44 -0500 (CDT)
From: ttyamada@CCGATE.HAC.COM
Received: from ises01.ES.HAC.COM ([147.16.5.2]) by igate1.hac.com (4.1/SMI-4.1)
     id AA15600; Thu, 19 Sep 96 16:42:33 PDT
Received: by ises01.ES.HAC.COM; id AA22062; Thu, 19 Sep 1996 16:42:27 -0700
Received: from cc:Mail by CCGATE.HAC.COM
     id AA843176568; Thu, 19 Sep 96 16:35:45 PST
Date: Thu, 19 Sep 96 16:35:45 PST
Encoding: 27 Text
Message-Id: <9608198431.AA843176568@CCGATE.HAC.COM>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4909] Re: GPS via Windows caution!

     Maybe it's the goop between the glass?

(the rubber/gel/whatever-it-is stuff that holds
the safety glass together)??

Just guessing,
Ted...

_____ Reply Separator _____
Subject: [APRSSIG:4909] Re: GPS via Windows caution!
Author: aprssig@tapr.org at CCGATE
Date: 9/19/96 4:18 PM

On Thu, 19 Sep 1996 14:00:12 -0500 (CDT) Bob Bruninga
<bruninga@nadn.navy.mil> writes:
>all around, but the WINDSHIELD is not tinted... Anyway, it appears
>that the glass in that window has 15 dB or more of attenuation!
>
Bob, could it be that something under the dash is generating rf noise and
desensing the receiver? Maybe someting at the IF frequency?

Huey
KB1RH

From jagrelo@concentric.net Thu Sep 19 19:18:14 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA07923 for <aprssig@tapr.org>; Thu, 19
Sep 1996 19:18:09 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id UAA25650; Thu, 19 Sep 1996 20:17:06 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@concentric.net>
Received: from crc3.pop3.net (cnc059047.concentric.net [206.83.77.47])
by cliff.cris.com (8.7.5)
id UAA23563; Thu, 19 Sep 1996 20:17:50 -0400 (EDT)
Message-ID: <32420DFE.1628@concentric.net>
Date: Thu, 19 Sep 1996 20:22:38 -0700
From: Joe Agrelo <jagrelo@concentric.net>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4911] GPS-20 Engine works!
References: <199609192254.SAA01518@smtp1.erols.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kent V Hufford wrote:

> Also my DFjr works great... BUT only in standalone mode. I still cannot get

> it to work with the GPS/TNC/winaprs.

Hi Kent,

Right now all three only work with DOS & MAC APRS, WinAPRS has it implemented
but not running because of the HSP not working yet. I'm sure the Sprouls
are working on it and are very close.

> Thought I saw, or read, or was told that the DFjr WORKS with winaprs, GPS,
> TNC with the DFjr "mulitport adapter"... guess I was just dreaming.

Don't feel bad I thought it did too! Wake up Kent! hi;-)

> Kent
> KQ4KK

73 De Joe N2OOC (new address & phone effective 8/15)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            Agrelo Engineering
        Joe Agrelo/President
    P.O.Box 231 Pattersonville, NY 12137 USA
          ph (518)864-7551 effective 8/15
         fax (518)864-7553 "   "
     mailto:Jagrelo@cris.com
  WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
     based Doppler, talking products and RF.
   Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From rwf@mindspring.com Thu Sep 19 19:20:40 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA08042 for <aprssig@tapr.org>; Thu,
19 Sep 1996 19:20:38 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.7.5/8.7.3) with ESMTP id UAA10526 for
<aprssig@tapr.org>; Thu, 19 Sep 1996 20:20:32 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id UAA25779 for
<aprssig@tapr.org>; Thu, 19 Sep 1996 20:20:31 -0400
Message-Id: <2.2.32.19960920002358.0072c6a8@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Sep 1996 20:23:58 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4910] Re: Poor Bob!

At 06:15 PM 9/19/96 -0500, Someone from New York City wrote:

>   Okay. Here in New York City I normally see stations from:

>New Hampshire, Massachusetts, Rhode Island, Connecticuit, New
>York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia
>not to mention Washington DC. I raise you two states and a
>District (hi-hi). 73

Here in Grorgia, we have Counties bigger than some of those states.
And... I left Kentucky and Mississippi off my original list.
hehe

From glittle@awod.com Thu Sep 19 19:32:35 1996
Received: from sumter.awod.com (awod.com [198.81.225.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA08452 for <aprssig@tapr.org>; Thu, 19 Sep 1996
19:32:33 -0500 (CDT)
Received: from chs0038.awod.com (chs0038.awod.com [198.81.225.147]) by
sumter.awod.com (8.6.12/8.6.12) with SMTP id UAA22892 for <aprssig@tapr.org>; Thu,
19 Sep 1996 20:32:28 -0400
Message-Id: <199609200032.UAA22892@sumter.awod.com>
X-Sender: glittle@awod.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Sep 1996 20:41:25 -0400
To: aprssig@tapr.org
From: Glenn Little <glittle@awod.com>
Subject: Re: [APRSSIG:4851] Re: Help w/ commercial UHF radio

At 01:06 PM 9/18/96 -0500, you wrote:
>
>To try to answer Cliff's questions:
>
>>There have been a number of comments regarding the Garmin 20 and the power
>>supply requirements needed. I, too, have had a terrible time using most
>>home supplies even with large 2000 ufd caps on the output of the 5 volt
>>regulator. Apparently, one must turn the unit on from a stiff five
>>volt supply, not necessarily turn on a supply in which a large capacitor
>>needs to be charged. Can anyone confirm this?

snip

>>From what I have seen, the GPS-20's are >>VERY<< twitchy on their +5v DC
>requirements. Apparently there is a processor reset threshold detector
>that is set too close to 5.0000v. In my "TAC Lite" (see schematic at URL
>ftp://aleph.gsfc.nasa.gov/GPS/totally.accurate.clock/tac-lite.zip or in
>the latest TAPR PSR), I found that the GPS-20 would work reliably >>ONLY<<
>if the supply voltage was raised to ~+5.2v. In the TAC-LITE, this was done
>by lifting the COMMON (i.e. tab, i.e. center pin) on a 7805 above ground
>with a ~27 ohm resistor. It changed the GPS-20 from being very unreliable
>to perfectly reliable. The new TAC-2 "universal TAC" PCB (now at the PCB
>house, hopefully available soon as a TAPRized kit) includes provisions for
>such tweaks on the board.
>
snip

>73 de Tom, W3IWI
>
>
>

At the company where I work, we use a lot of Motorola microprocessors.
The "should" work 4.90 to 5.10 volts as I remember.
If the supply gets down to 5.02 volts the micro goes out into left field.
We also have to keep the +5 volt supply elevated to at least 5.1 volts for
reliable operation.

73
Glenn Little
WB4UIV

From sguccion@outland.dtcc.edu Thu Sep 19 20:08:45 1996
Received: from outland.dtcc.edu (sguccion@outland.dtcc.edu [138.123.12.201]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA09667 for <aprssig@tapr.org>; Thu, 19
Sep 1996 20:08:43 -0500 (CDT)
Received: from localhost (sguccion@localhost) by outland.dtcc.edu (8.6.11/8.6.11)
with SMTP id VAA23100 for <aprssig@tapr.org>; Thu, 19 Sep 1996 21:08:27 -0400
Date: Thu, 19 Sep 1996 21:08:27 -0400 (EDT)
From: Dr Samuel Guccione <sguccion@outland.dtcc.edu>
X-Sender: sguccion@outland
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4914] Re: Poor Bob
In-Reply-To: <2.2.32.19960920002358.0072c6a8@mindspring.com>
Message-ID: <Pine.SV4.3.95.960919210617.22953C-100000@outland.dtcc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Some guys are just jealous that they are just a measly county.
Sam K3BY (almost the only station in Delaware).

On Thu, 19 Sep 1996, rwf wrote:

> At 06:15 PM 9/19/96 -0500, Someone from New York City wrote:
>
> >   Okay. Here in New York City I normally see stations from:
> >New Hampshire, Massachusetts, Rhode Island, Connecticuit, New
> >York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia
> >not to mention Washington DC. I raise you two states and a
> >District (hi-hi). 73
>
>
> Here in Grorgia, we have Counties bigger than some of those states.
> And... I left Kentucky and Mississippi off my original list.
> hehe
>

From ccdapple@wtp.net Thu Sep 19 20:19:09 1996
Received: from mailsrv1.pcy.mci.net (mailsrv1.pcy.mci.net [204.71.0.43]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA09971 for <aprssig@tapr.org>; Thu, 19
Sep 1996 20:19:05 -0500 (CDT)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET
 (PMDF V5.0-7 #10045) id <01I9OE6I4UY88Y7ZXZ@MAIL-CLUSTER.PCY.MCI.NET> for
 aprssig@tapr.org; Thu, 19 Sep 1996 21:20:03 -0400 (EDT)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET
 (PMDF V5.0-7 #10045) id <01I9OE683W428Y82U8@MAIL-CLUSTER.PCY.MCI.NET> for
 aprssig@tapr.org; Thu, 19 Sep 1996 21:19:28 -0400 (EDT)
Received: from wtprl-11.wtp.net by wtpprod1.wtp.net;
 (5.65/1.1.8.2/19Aug95-0853PM) id AA08092; Thu, 19 Sep 1996 19:17:46 -0600
Date: Thu, 19 Sep 1996 19:17:46 -0600
From: Chris Dapples <ccdapple@wtp.net>
Subject: Re: [APRSSIG:4899] Re: GPS via Windows caution!
To: aprssig <aprssig@tapr.org>
Message-id: <9609200117.AA08092@wtpprod1.wtp.net>
MIME-version: 1.0
X-Mailer: PROCOMM PLUS 3.0 for Windows
Content-type: Text/Plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Greetings from Red Lodge, Montana. (60 miles NE of Yellowstone Natl
Park).
     I am just starting to setup an APRS base station and also mobile.
My experiencec with windshields has been that any of them that have
electrical
defrost are as good as solid lead to RF. So far, the GPS antenna
has to be outside.

     Does anyone have info on making your own GPS antenna? I ordered
one from Magellen, but they seem pretty costly for not much antenna.
Chris Dapples, KF7KN
ccdapple@wtp.net

>   From: hammock@wired.jpl.nasa.gov
>   Date: 9/19/96 2:27:25PM
>   To: aprssig
>   Subject: [APRSSIG:4899] Re: GPS via Windows caution!
>
>   On Sep 19, 2:01pm, Bob Bruninga wrote:
>   > less than perfect) The GPS-45 does not. THe Van has heavy
>   tinted windows
>   > all around, but the WINDSHIELD is not tinted... Anyway, it
>   appears that
>   > the glass in that window has 15 dB or more of attenuation!
>   >
>   > This is a shock to me, since I had planned on using the MIC
>   Encoder with
>   > the GPS only on the dash. Turns out my other cars have *NO*
>   problem with
>   > the GPS-45 on the dash... and their windows are much

>   smaller and more
>   > straight up... So All windows are not created equal!
>
>   When I look at many of those vans, it appears that the
>   wind"shields" have some
>   metallized coating. They have a gold tint to them. Polarized
>   sunglasses
>   really show it.
>
>   >-- End of excerpt from Bob Bruninga
>
>
>
>
>   Randy Hammock   KC6HUR | Jet Propulsion Laboratory
>   EMail: hammock@wired.jpl.nasa.gov | 4800 Oak Grove Drive
>   Voice: +1-818-393-1214 | M/S: 264-580
>   Pager: +1-818-423-2062 | PASADENA CA 91109
>
>
>

From ccdapple@wtp.net Thu Sep 19 20:19:17 1996
Received: from mailsrv1.pcy.mci.net (mailsrv1.pcy.mci.net [204.71.0.43]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA09988 for <aprssig@tapr.org>; Thu, 19
Sep 1996 20:19:12 -0500 (CDT)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET
 (PMDF V5.0-7 #10045) id <01I9OE6I4UY88Y7ZXZ@MAIL-CLUSTER.PCY.MCI.NET> for
 aprssig@tapr.org; Thu, 19 Sep 1996 21:20:13 -0400 (EDT)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET
 (PMDF V5.0-7 #10044) id <01I9OE6GM1G68WZFDJ@MAIL-CLUSTER.PCY.MCI.NET> for
 aprssig@tapr.org; Thu, 19 Sep 1996 21:19:38 -0400 (EDT)
Received: from wtprl-11.wtp.net by wtpprod1.wtp.net;
 (5.65/1.1.8.2/19Aug95-0853PM) id AA08109; Thu, 19 Sep 1996 19:17:43 -0600
Date: Thu, 19 Sep 1996 19:17:43 -0600
From: Chris Dapples <ccdapple@wtp.net>
Subject: APRS and Linux
To: aprssig <aprssig@tapr.org>
Message-id: <9609200117.AA08109@wtpprod1.wtp.net>
MIME-version: 1.0
X-Mailer: PROCOMM PLUS 3.0 for Windows
Content-type: Text/Plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Is anyone using Linux AND aprs?? I have been using Linux for several
years and it really works great for BBS (TNOS) and satellite gateway
stuff. I want to add APRS to my setup, but sofar have been unable to
get APRS to run in the "DOSEMU" mode. Any ideas?

Chris Dapples, KF7KN
ccdapple@wtp.net

From bruninga@nadn.navy.mil Thu Sep 19 20:45:54 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA10673 for <aprssig@tapr.org>; Thu, 19
Sep 1996 20:45:53 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id VAA00583 for <aprssig@tapr.org>; Thu, 19 Sep 1996
21:50:53 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 19 Sep 1996 21:50:53 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4908] Re: GPS via Windows caution!
In-Reply-To: <Pine.GSO.3.95.960919182212.23796H-100000@arctic>
Message-ID: <Pine.GSO.3.95.960919214921.522A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Sep 1996, Bob Bruninga wrote:

> APRSdos REPLY/COMMENT: That tinted windows are conductive I thought was
> pretty well known. That my windshield is *not* tinted but still
> exhibits the 15 dB attenuation is what surprised me, hi hi..

APRSdos REPLY/COMMENT: Ok, I give in. It must be tinted.. just doesnt
look like it... Anyway, another vote for external GPS antennas, hi hi

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From KD4EMI@aol.com Thu Sep 19 20:46:10 1996
Received: from emout02.mail.aol.com (emout02.mx.aol.com [198.81.11.93]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA10693 for <aprssig@tapr.org>; Thu, 19
Sep 1996 20:46:07 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout02.mail.aol.com (8.6.12/8.6.12) id VAA07372 for
aprssig@tapr.org; Thu, 19 Sep 1996 21:45:28 -0400
Date: Thu, 19 Sep 1996 21:45:28 -0400
Message-ID: <960919214527_312934199@emout02.mail.aol.com>
To: aprssig@tapr.org
Subject: RE: DGPS rexmitting

For what it's worth, I cant figure out why it is legal to transmit something
that another "service" makes available. Isn't there some rule about that?

If DGPS is a service that is available isnt it a no no to Xmit that ?
Also, doesnt the CG already broadcast that in the area ?

MIke KD4EMI@AOL.COM

From amirault@laraby.tiac.net Thu Sep 19 20:51:34 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id UAA10979 for <aprssig@tapr.org>; Thu, 19 Sep 1996 20:51:29 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id VAA17879; Thu, 19 Sep 1996 21:55:24 -0400
Date: Thu, 19 Sep 1996 21:55:24 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4905] Re: GPS via Windows caution!
In-Reply-To: <2.2.16.19960919164331.3937715a@ccm.stlcc.cc.mo.us>
Message-ID: <Pine.BSF.3.91.960919215322.17481B-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Sep 1996, Michael Petz wrote:
(snip)

> Since the van is fiberglass, it makes it hard to mount an antenna on the
> body, since magnets won't work!

Yes, but it also makes it practical to mount the antenna INSIDE the car overhead, since the signals will pass thru the fiberglass (one local had done just that here in Boston)

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From bruninga@nadn.navy.mil Thu Sep 19 20:52:14 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA11004 for <aprssig@tapr.org>; Thu, 19 Sep 1996 20:52:11 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id VAA01029 for <aprssig@tapr.org>; Thu, 19 Sep 1996 21:57:14 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 19 Sep 1996 21:57:13 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS Va Beach Hamfest
In-Reply-To: <199609192254.SAA01518@smtp1.erols.com>
Message-ID: <Pine.GSO.3.95.960919215248.522B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Sep 1996, Kent V Hufford wrote:

> Anyone going to the Virgina Beach Ham fest this Sat.?

APRSdos REPLY/COMMENT: APRS session at 1400 Saturday. I cant believe I am going to do 8 hours of driving for a 1 hour pitch.
Probably 6 people will show... Ill go down 301 and 17, you will probably go 95. Maybe we will see each other simplex, h i hi. I will be running APRS MicEncoder on whatever 2m voice repeater is strongest. 147.15 in MD,

147.015 near frederick. Ill try to get into 146.88 in RIchmond, dont know any repeaters in Va Bch...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From wd4cqe@juno.com Thu Sep 19 20:57:53 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA11112 for <aprssig@tapr.org>; Thu, 19 Sep 1996 20:57:51 -0500 (CDT)
Received: (from wd4cqe@juno.com) by x11.boston.juno.com (queuemail) id VAA21000; Thu, 19 Sep 1996 21:56:46 EDT
To: aprssig@tapr.org
Subject: Subscribe
Message-ID: <19960921.074049.4647.2.WD4CQE@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-3
From: wd4cqe@juno.com (Kenneth I Mathews)
Date: Thu, 19 Sep 1996 21:56:46 EDT

subscribe

wd4cqe@juno.com

From rwf@mindspring.com Thu Sep 19 22:09:32 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA13831 for <aprssig@tapr.org>; Thu, 19 Sep 1996 22:09:27 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by answerman.mindspring.com (8.7.5/8.7.3) with ESMTP id XAA26658 for <aprssig@tapr.org>; Thu, 19 Sep 1996 23:09:23 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id XAA13637 for <aprssig@tapr.org>; Thu, 19 Sep 1996 23:09:21 -0400
Message-Id: <2.2.32.19960920031248.00709ee0@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Sep 1996 23:12:48 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:4919] Re: GPS via Windows caution!

>On Thu, 19 Sep 1996, Bob Bruninga wrote:
>
>
>APRSdos REPLY/COMMENT: Ok, I give in. It must be tinted.. just doesnt
>look like it... Anyway, another vote for external GPS antennas, hi hi
>

Why Bob? Just put it in the back seat. Isn't the roof of that buggy made of fiberglas?

From cap@cruzio.com Thu Sep 19 22:28:15 1996
Received: from cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA14450 for <aprssig@tapr.org>; Thu, 19 Sep 1996 22:28:12 -0500 (CDT)
Received: from surf127.cruzio.com by cruzio.com id aa03967; 19 Sep 96 20:27 PDT
Message-ID: <32420F08.1998@cruzio.com>
Date: Thu, 19 Sep 1996 20:27:04 -0700
From: Cap Pennell <cap@cruzio.com>
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4914] Re: Poor Bob!
References: <2.2.32.19960920002358.0072c6a8@mindspring.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

rwf wrote:
>
> At 06:15 PM 9/19/96 -0500, Someone from New York City wrote:
>
> >   Okay. Here in New York City I normally see stations from:
> >New Hampshire, Massachusetts, Rhode Island, Connecticuit, New
> >York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia
> >not to mention Washington DC. I raise you two states and a
> >District (hi-hi). 73
>
> Here in Grorgia, we have Counties bigger than some of those states.
> And... I left Kentucky and Mississippi off my original list.
> hehe
>
> .-

N6RZR-3 (NE of Redding) to KD6KQ-3 (NE of San Bernardino) on 145.010Mhz.
600 miles in only 1 state! We have another VHF net on 145.790Mhz in the Southern part of our state. Hope to see you all visit real soon!
73. Cap
--
Cap Pennell
Santa Cruz, CA, 95062-1002   3658.92N/12200.88W
email: cap@cruzio.com
packet radio: ke6afe@kg6ee.#cenca.ca.usa.noam

From rsellers@firecraker.com Thu Sep 19 23:22:34 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA16166 for <aprssig@tapr.org>; Thu, 19 Sep 1996 23:22:22 -0500 (CDT)
Date: Thu, 19 Sep 1996 23:22:22 -0500 (CDT)
Message-Id: <199609200422.XAA16166@tapr.org>
X-ROUTED: Thu, 19 Sep 1996 23:22:48 -0500

Received: from RSELLERS [199.190.124.27] by rockford.com with smtp
     id BHBGAPAD ; Thu, 19 Sep 1996 23:22:14 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4910] Re: Poor Bob!

>
>On Tue, 17 Sep 1996 Roger Sellers wrote:
>
>>From where I sit at the top of Northern Illinois, we have a
>>continuous string of stations that included parts of: Kansas,
>>Missouri, Iowa, Illinois, Wisconsin, Indiana, and Michigan ...
>>without a band opening or any gateways ... I count 7 for us to
>>your 5 <grin>.
>
>   Okay. Here in New York City I normally see stations from:
>New Hampshire, Massachusetts, Rhode Island, Connecticuit, New
>York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia
>not to mention Washington DC. I raise you two states and a
>District (hi-hi). 73

 Yeah, but other than New York, Virginia, and Pennsylvania, there all little ones. So the rest only count half. So at that you still got six and a half. And the winner is.......

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From reeves@christenson.com Thu Sep 19 23:33:19 1996
Received: from vista.hevanet.com (root@hevanet.com [198.5.254.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA16596 for <aprssig@tapr.org>; Thu, 19 Sep 1996 23:33:17 -0500 (CDT)
Received: from ron by vista.hevanet.com with smtp
     (Smail3.1.28.1 #15) id m0v3xGh-0010M2C; Thu, 19 Sep 96 21:32 PDT
Message-Id: <1.5.4.32.19960920043516.006651b4@hevanet.com>
X-Sender: reeves@hevanet.com (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Sep 1996 21:35:16 -0700
To: aprssig@tapr.org
From: Ron Reeves <reeves@christenson.com>

Subject: pcmcia cards

After reading the interest in pcmcia cards I started searching the net to see what exists. Has anyone ever tried the gps pcmcia cards? They look like they might save in cables, batteries, and effort in making a complete portable setup. The cost is fairly high (around $600.00-$700.00), but if they work great the convenience may be worth the extra cost. And, should a tnc pcmcia card appear on the market it would be easy to get a small hassle free setup.

The site I found info about the gps card was http://envoydata.com/index.html
And the unit I looked at was a Centennial TechnologiesThe SatNav GPS. But I see that trimble also makes one.

***Bob will they work with APRS DOS??

P.S. How are the APRS shirts coming??

Ron Reeves
N7QXO
reeves@christenson.com

Make it idiot-proof and someone will make a better idiot.

From aa7ya@juno.com Fri Sep 20 00:17:47 1996
Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA21530 for <aprssig@tapr.org>; Fri, 20 Sep 1996 00:17:45 -0500 (CDT)
From: aa7ya@juno.com
Received: (from aa7ya@juno.com) by x3.boston.juno.com (queuemail)
     id AAA08420; Fri, 20 Sep 1996 00:46:56 EDT
To: aprssig@tapr.org
Subject: Re: Poor Bob!
Message-ID: <19960919.211332.8279.0.aa7ya@juno.com>
References: <199609192253.SAA11906@mail-e2b-service.gnn.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-33
Date: Fri, 20 Sep 1996 00:46:56 EDT

On Thu, 19 Sep 1996 18:15:59 -0500 (CDT) Arte Booten <N2ZRC@gnn.com> writes:

>On Tue, 17 Sep 1996 Roger Sellers wrote:
>
>>From where I sit at the top of Northern Illinois, we have a
>>continuous string of stations that included parts of: Kansas,

>>Missouri, Iowa, Illinois, Wisconsin, Indiana, and Michigan ...
>>without a band opening or any gateways ... I count 7 for us to
>>your 5 <grin>.
>
>   Okay. Here in New York City I normally see stations from:
>New Hampshire, Massachusetts, Rhode Island, Connecticuit, New
>York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia
>not to mention Washington DC. I raise you two states and a
>District (hi-hi). 73
>
>

>From here atop my little "knob", I "see" stations from VE5-land
VE6-land, and VE4-land, not to mention Montana, and North
Dakota, all on 2 meters... So I can safely say, I can work
"DX" on 2 meters, without an opening. heh-heh

>   Arte Booten <N2ZRC@gnn.com>
> (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
> [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]
>
>I am initiating an inverted tachyon pulse to those coordinates now.
>
>

Stacey, aa7ya@juno.com

From sdimse@bridge.net Fri Sep 20 00:22:12 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id AAA21728 for <aprssig@tapr.org>; Fri, 20 Sep 1996
00:22:10 -0500 (CDT)
Received: from (hd33-085.compuserve.com [199.174.229.85]) by bridge.net
(8.7.5/8.7.3) with SMTP id BAA19104 for <aprssig@tapr.org>; Fri, 20 Sep 1996
01:19:06 -0400 (EDT)
Message-Id: <199609200519.BAA19104@bridge.net>
Subject: Re: [APRSSIG:4920] RE: DGPS rexmitting
Date: Thu, 19 Sep 96 22:22:15 -0700
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>For what it's worth, I cant figure out why it is legal to transmit something
>that another "service" makes available. Isn't there some rule about that?
>
>If DGPS is a service that is available isnt it a no no to Xmit that ?
>Also, doesnt the CG already broadcast that in the area ?
>
This data isn't retransmitted, it is being generated by Tom's equipment.
Totally legal.

Steve KO4HD

From kc5ejk@onramp.net Fri Sep 20 00:46:01 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id AAA24377 for <aprssig@tapr.org>; Fri, 20 Sep 1996
00:46:00 -0500 (CDT)
Received: from [199.1.11.105] (dal05.onramp.net [199.1.11.105]) by
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id AAA26468 for <aprssig@tapr.org>;
Fri, 20 Sep 1996 00:45:56 -0500 (CDT)
Message-Id: <v02140b02ae67ecb0384b@[199.1.11.105]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Sep 1996 00:46:30 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Garmin-20 GPS power problems

Just so people who delete message if the subject is not of
interest , there has been some good information about
the Garmin-20 power turn on problem posted under the subject of:

"Re: Help w/ commercial UHF radio"

You may want to re-scan if you have the Garmin-20 unit.
and if you reply to that thread you might want to rename it.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From wmn3@dfw.net Fri Sep 20 01:25:37 1996
Received: from dfw.dfw.net (root@dfw.dfw.net [198.175.15.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id BAA25339 for <aprssig@tapr.org>; Fri, 20 Sep 1996
01:25:36 -0500 (CDT)
Received: from dfw.net (PPP1.fortworth.dfw.net) by dfw.dfw.net (4.1/SMI-4.1)
     id AA17294; Fri, 20 Sep 96 00:39:53 CDT
Message-Id: <9609200539.AA17294@dfw.dfw.net>
From: "Bill Neal/N0NSA" <wmn3@dfw.net>
To: <aprssig@tapr.org>
Subject: Map Data anomalies
Date: Fri, 20 Sep 1996 00:36:42 -0500
X-Msmail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello;
I've been having problems with MK100K2A. Currently I have several

geographic areas (over 150 files) in the DLG directory (folder). When I run MK100K2A it'll start making a 16 mile or less map, but will only make certain sections of the overall map. The missing sections seem to conform to the USGS files (ftp'ed files). It will make a map, with sections missing, reduce the map points, show it as in APRS, and quit the program as per normal.

Won't MK100K2A crash/stop if all the USGS files for a given map scale/area are not in the DLG directory? Can you have too many files in the DLG directory?

I know that with Win 3.1/3.11, file manager, a compressed hard drive, running Defrag once in a while, and you move (not copy) files from one directory to another, Windows sometimes doesn't set the new directory name/location correctly for DOS programs to read. However, Windows will still be able to find and use those same programs/files, in the directories that they've been moved to.

I'm now running Win 95, up-graded from Win 3.11, and am wondering if this isn't a symptom of the aforementioned problem... Anyone have any suggestions or fixes?

I'm going to buy a new HD so I don't have to compress it. Maybe this problem will go away... I hope.

Cheers, Bill Neal
wmn3@dfw.net
http://www.dfw.net/~wmn3/

From wa8inz@cris.com Fri Sep 20 01:33:11 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA25511 for <aprssig@tapr.org>; Fri, 20 Sep 1996 01:33:09 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id CAA02827; Fri, 20 Sep 1996 02:32:19 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80441.concentric.net [206.173.119.41])
     by cliff.cris.com (8.7.5)
     id CAA01588; Fri, 20 Sep 1996 02:33:05 -0400 (EDT)
Message-ID: <324256BD.EAF@cris.com>
Date: Fri, 20 Sep 1996 01:33:01 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Ballon Launch
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Another reminder of the balloon lauch here in Huntsville, Alabama.

It looks like the weather might cooperate with us.

Date: Sunday September 22
Time: 0700 - 0900 CST, Most likely 07:30 CST
     34 41'15 North
     86 33'35 West

     Altitude above 75,000 feet

     Anticipated landing area, ear Grant, Alabama
     34 31' 4 North
     86 14'23 West

Profile:
     Two (2) hours climb to max altitude
     One (1) hour drift at max altitude
     Thirty (30) minute descent

Callsign:
     The ATV downlink will be identified by an automatic video
     overlay (About every 6 minutes) by the call KE4ROC-11

     All packet transmissions from the balloon package will also be
     identified by the call sign KE4ROC-11

ATV:
     One Watt, PC Electronics KPA5 70cm ATV transmitter
     "Little wheel" Horizontal polarized Antenna
     434.000 Mhz transmit freq (Cable ready TV Chan 59)

Telemetry/GPS:

     Five (5) Watt MFJ data radio transmitting on 145.790 Mhz
     APRS Automatic Position Reporting System

     APRS Telemetry will also be transmitted on 145.790

Please look for the balloon and look at the Text file on Tapr called
HSVBALL.TXT for all the info on this balloon.
--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From sparkfel@primenet.com Fri Sep 20 04:15:44 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id EAA27984 for <aprssig@tapr.org>; Fri, 20 Sep 1996 04:15:42 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by mailhost1.primenet.com (8.7.6/8.7.1) with ESMTP id CAA10215 for <aprssig@tapr.org>; Fri, 20 Sep 1996 02:15:40 -0700 (MST)
Received: from ip-20-104.phx.primenet.com (ip-20-043.phx.primenet.com [206.165.20.43]) by primenet.com (8.7.6/8.7.5) with SMTP id CAA08388; Fri, 20 Sep 1996 02:15:11 -0700 (MST)
Date: Fri, 20 Sep 1996 02:15:11 -0700 (MST)
Message-Id: <1.5.4.16.19960920021539.2cef87f8@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: [APRSSIG:4888] Re: Poor Bob!

At 09:58 AM 9/19/96 -0500, Doug Page wrote:
>
>
>Granted, but don't forget that the larger cellular providers have `Cellular
>On Trailer Systems' (COTS). They use them primarily for large events such as
>the Super Bowl and the Olympics, but I guarantee you that they are justified
>at least in part as being able to provide cellular service ASAP if the
>disaster knocks out normal service. This, of course assumes that land lines
>(not to mention power) are available.
>

Funny you should mention that. I was just talking to another ham today who mentioned that last months storms in Phoenix not only knocked out the power, but land lines as well. He was with the Sun City VFD at the time and cell phones were not working either, nor were their pagers. BUT the 2-meter repeater with emergency power atop a local hospital was working just fine. I was in South Dakota at the time, but several friends called my mother to find out where I was when they couldn't reach me at home. They know I'm a HAM and wanted to know what was going on as they were mostly incommunicado!

COTs is great when you can get them into the disaster area, but I remember the blizzards of 1977 and 1978. We had no power for a week because our power substation shorted out due to being buried by TWENTY feet of snow! Sure they had entire substations that could be trucked in and set up in hours, but again TWENTY feet of snow! Yes they had big helicopters flying around that could lift the equipment, but again we had TWENTY feet of snow (!) on the ground. We had snow on the ground until the end of June that year. Ice flows on the Maumee River that spring were so thick they clogged low lying streets and highways and had to be dynamited just so traffic could get through.

I couldn't get ahold of my ARC the weekend of Field Day this year because forest fires had burned up the phone lines going into the campground we were

staying at.

>Robert might also want to reread Part 97 to remind himself what the FCC thinks
>the purpose of HAM radio is...
>

Agreed.

Yeah, I know this is the APRS sig. I'll get back on track. (G)

73,

Mark Fellhauer

From 0004818186@mcimail.com Fri Sep 20 05:20:14 1996
Received: from gatekeeper.mcimail.com (gatekeeper.mcimail.com [192.147.45.5]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA29205 for <aprssig@tapr.org>; Fri, 20
Sep 1996 05:20:13 -0500 (CDT)
Received: from mailgate.mcimail.com (mailgate.mcimail.com [166.40.135.3]) by
gatekeeper.mcimail.com (8.6.12/8.6.10) with SMTP id KAA16431; Fri, 20 Sep 1996
10:17:10 GMT
Received: from mcimail.com by mailgate.mcimail.com id ab19224;
          20 Sep 96 10:20 WET
Date: Fri, 20 Sep 96 05:20 EST
From: Miami Network <0004818186@mcimail.com>
To: aprssig <aprssig@tapr.org>
Subject: Re: [APRSSIG:4896] GPS via Windows caution!
Message-Id: <11960920102011/0004818186NA3EM@MCIMAIL.COM>

We have also had the "same" problem with the Chevy Lumina. Inside the vehicle
it could not pick up any satellites and outside it worked just perfect!

73, Seymour, KC4NMY

From wa8inz@cris.com Fri Sep 20 08:48:27 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA03087 for <aprssig@tapr.org>; Fri, 20
Sep 1996 08:48:26 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id JAA01443; Fri, 20 Sep 1996 09:47:35 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc803138.concentric.net [206.173.114.138])
     by cliff.cris.com (8.7.5)
     id JAA04632; Fri, 20 Sep 1996 09:48:23 -0400 (EDT)
Message-ID: <3242BCC3.60C9@cris.com>
Date: Fri, 20 Sep 1996 08:48:19 -0700
From: William Nolle <wa8inz@cris.com>

Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4931] Map Data anomalies
References: <9609200539.AA17294@dfw.dfw.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Neal/N0NSA wrote:
>
> Hello;
> I've been having problems with MK100K2A. Currently I have several
> geographic areas (over 150 files) in the DLG directory (folder). When I
> run MK100K2A it'll start making a 16 mile or less map, but will only make
> certain sections of the overall map. The missing sections seem to conform
> to the USGS files (ftp'ed files). It will make a map, with sections
> missing, reduce the map points, show it as in APRS, and quit the program as
> per normal.
>

How large is the data in that directory (Meg)

> Won't MK100K2A crash/stop if all the USGS files for a given map scale/area
> are not in the DLG directory?   Can you have too many files in the DLG
> directory?

No it won't crash just because there is a file missing (It will make a half map)
But YES you can have to many files in that directory!. I have found that if you
have somewhere around 48 Meg it will work but much over that and you start having
problems. Also make sure there's nothing but map data in that directory (Nothing
else)

--

                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From cjcavanagh@msn.com Fri Sep 20 08:56:03 1996
Received: from upsmot01.msn.com (upsmot01.msn.com [204.95.110.78]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA03285 for <aprssig@tapr.org>; Fri, 20 Sep 1996
08:56:01 -0500 (CDT)
Received: from upmajb06 ([204.95.110.89]) by upsmot01.msn.com (8.6.8.1/
Configuration 4) with SMTP id GAA24271 for <aprssig@tapr.org>; Fri, 20 Sep 1996
06:48:53 -0700

Date: Fri, 20 Sep 96 13:37:25 UT
From: "Carolyn Cavanagh" <cjcavanagh@msn.com>
Message-Id: <UPMAIL02.199609201355040376@msn.com>
To: aprssig@tapr.org
Subject: RE: [APRSSIG:4931] Map Data anomalies

for n0nsa
Upgrade to mk100kv3. I have posted it to TAPR.
This should take care of the problems u have encountered.
there were a few bugs that i think i have exterminated. With the new version u can make a large number of maps in one sitting (up to 576). the new version does not stop if u go outside of the available USGS data range. It just goes to the next map and writes a comment in a .log file
Yes u can have too many dlg files. the current limit is 100. any extra are ignored. which ones? depends on the order they are stored in the sub-directory and how the "files" connand from qbasic reads them into a list.
I will forward more details posted on this sig earlier.
happy map making jack, KB4XF

From northup@sw.stratus.com Fri Sep 20 08:56:20 1996
Received: from mailhub.stratus.com (mailhub.stratus.com [134.111.1.14]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA03303 for <aprssig@tapr.org>; Fri, 20 Sep 1996 08:56:18 -0500 (CDT)
Received: from lectroid.sw.stratus.com (lectroid.sw.stratus.com [134.111.10.1]) by mailhub.stratus.com (8.7.5/8.7.3) with ESMTP id JAA17830 for <aprssig@tapr.org>; Fri, 20 Sep 1996 09:56:20 -0400 (EDT)
Received: from blackdog.sw.stratus.com (blackdog.sw.stratus.com [134.111.10.76]) by lectroid.sw.stratus.com (8.6.11/8.6.11) with ESMTP id JAA28595 for <aprssig@tapr.org>; Fri, 20 Sep 1996 09:56:15 -0400
Received: (from northup@localhost) by blackdog.sw.stratus.com (8.6.9/8.6.9) id JAA06927; Fri, 20 Sep 1996 09:56:14 -0400
From: Bill Northup <northup@sw.stratus.com>
Message-Id: <199609201356.JAA06927@blackdog.sw.stratus.com>
Subject: followup on WIDE,WIDE,WIDE
To: aprssig@tapr.org (APRS)
Date: Fri, 20 Sep 1996 09:56:12 -0400 (EDT)
Cc: northup@sw.stratus.com (Bill Northup)
X-Mailer: ELM [version 2.4 PL20]
Content-Type: text

I have been away since my last posting (forced to go to interop) so was not able to follow up at that time. Before I left I heard form hasan schiers, N0AN that he was sure he only was sending GATE,WIDE.

So last night I used a dumb terminal program to see what was coming out of the TNC. Within a minute I saw N0AN>GATE>WIDE>APRSW/H: followed by 6 N0AN>GATE>WIDE>WIDE>WIDE>APRSW/V:'s so it is our local gateway that is adding two WIDE's to the path. That sure looks like the gateway is adding to the unproto path.

Also I just saw the following posting:

> From local observation, I think that W1ON-3 is changing the paths of
>stations gatewaying through him by adding 1 WIDE to whatever the originating
>station sends. Initially, I think it was being done so that all of the HF
>stations would be heard by the local WIDE and Digipeated. I get the
>impression, based on the "nice" status messages it send out, it is a
>homebrew program doing the path modifications. Clearly APRS won't do that.
>
> The Sysop of the station is Doc, W1EO. Does anybody know his email address?
> Maybe some local in the Boston area can drop him a message next time W1EO
> shows up on the screen? I will if I see him!
>
> 73,
>
> Tom Kinahan N1CPE
>

So it looks like it is a local issue, and explains why a number of us had seen
so many WIDE,WIDE,WIDE's on the local VHF net and no one else outside of the
area could confirm it. I will work with the local group to fix this issue.

 Thanks to everyone that has watched us figure this out.

     Bill

--

    Bill Northup, N1QPR   EMAIL n1qpr@amsat.org
                   QRP-NE #307
                   NorCal #1027
                   QRP-L #356

From sproul@ap.org Fri Sep 20 09:06:41 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id JAA03587 for <aprssig@tapr.org>; Fri, 20 Sep 1996 09:06:38 -0500
(CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
     id KAA08058; Fri, 20 Sep 1996 10:01:27 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007800ae6851114835@[165.1.27.20]>
In-Reply-To: <199609192254.SAA01518@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Sep 1996 09:52:07 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:4911] GPS-20 Engine works!
Cc: khufford@erols.com

>I went and looked at the winAPRS web site. The front end is still dated mid
>SEP 95, announcing the coming release at Dayton.

>

Kent,

The main Mac/WinAPRS page is date 4/30/96. The Announcment page from last year has NOT been removed.

>Maybe by next Dayton they will get HSP working.
>

I have told MANY MANY people MANY MANY times, I am working as FAST as I can on HSP, I have finally made some progress and will probably have it working fairly soon. This month is fairly well shot because Kieth has attended both the ARRL convention and is now at the DCC. He is giving a half day APRS seminar for the second year in a row.

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From ku0g@sprynet.com Fri Sep 20 10:06:15 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA05761 for <aprssig@tapr.org>; Fri, 20 Sep 1996 10:06:13 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id IAA27451 for <aprssig@tapr.org>; Fri, 20 Sep 1996 08:03:22 -0700
Date: Fri, 20 Sep 1996 08:03:22 -0700
Message-Id: <199609201503.IAA27451@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4772] Re: Washington State!

Hey guy....

Any chance that you would be able to come to KC and help out with any of our events when we need trackers? Always need extra hands/trackers/laptops, etc...

We'd have a place for you to stay if you can help....Nothing in the immediate future but would sure like to get all the help we can find lined up for next spring/summer...

73 de Jim, KU0G

From ku0g@sprynet.com Fri Sep 20 10:08:13 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA05794 for <aprssig@tapr.org>; Fri, 20 Sep 1996
10:08:11 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id IAA27954 for <aprssig@tapr.org>; Fri, 20 Sep 1996 08:05:18 -0700
Date: Fri, 20 Sep 1996 08:05:18 -0700
Message-Id: <199609201505.IAA27954@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4792] Poor Bob!

>At 11:54 AM 9/16/96 -0500, the APRSmeister wrote:
>>Basically, from the biggest east coast net, we can now barely see anyone!
>>ARGH!!!
>
>Guess GA, Ala, TN, SC, NC becomes the biggest contiguous APRS net, then!
><smirk>
>
Well, that's nice, but WATCH OUT! Midwestern states are getting pretty
solid on VHF now! MO, IL, IA, KS, NE, MN, MC.....<smirk><smirk>

73 de Jim, KU0G

From kjm@deltanet.com Fri Sep 20 13:21:41 1996
Received: from mail1.deltanet.com (mail.deltanet.com [199.171.190.55]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA11392 for <aprssig@tapr.org>; Fri, 20 Sep 1996
13:21:39 -0500 (CDT)
Received: from kjm-tjm (delta1.deltanet.com [199.171.190.3]) by mail1.deltanet.com
(8.7.4/8.7.3) with ESMTP id LAA09354 for <aprssig@tapr.org>; Fri, 20 Sep 1996
11:21:34 -0700 (PDT)
Message-Id: <199609201821.LAA09354@mail1.deltanet.com>
From: "Ken Mirabella" <kjm@deltanet.com>
To: <aprssig@tapr.org>
Subject: Com port problems - WinAPRS
Date: Fri, 20 Sep 1996 11:18:51 -0700
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Greetings:

I am having a problem getting the serial port to open on WinAPRS Ver 1.13
(registered user).   It works fine on my win95 machine, but does not work

on my 386. I have install win32s.dll and Freecell runs. I have added the serial DLL's to the windows directory and have a set in the winaprs folder as well. Previous to adding the serial DLL's to the windows directory a message came up stating serial DLL's needed.

Upon running the program I get quite a few windows that pop open that state Port failed to open. I am using com port 1 and this port works fine when running Paket 6.1 with my TNC. So I know that it is not a hardware problem.

Is there something I missed.

Thanks to all that respond.

73, KM6YH

From schiers@ames.net Fri Sep 20 13:52:03 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA12677 for <aprssig@tapr.org>; Fri, 20 Sep 1996 13:51:59 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609201851.NAA12677@tapr.org>
Received: from [206.29.126.237] by ames.net id 5a580.wrk; Fri, 20 Sep 1996 11:18:48 -0600
Date: Fri, 20 Sep 96 11:15:01 -0500
To: aprssig@tapr.org
Subject: Secondary Freq Ref for 30m
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.14

After conferring with Bob about the "spreading" problem on the 30m net, I have zero'd to W3ADO, changed my alias to TUNE1 and placed this info in my beacon. Those of you who need to know "where" the net is actually operating, and can copy me well, may zero my signal.

The TUNE1 alias will allow you to ping me and see if you are on freq, assuming you are using Bob's software. You can also connect to N0AN-1 which is my tnc based bbs to confirm that you are on freq.

Note: This is NOT an indication of absolute frequency. It is an indication that you are on the same frequency as W3ADO and N0AN. Bob has indicated to me that W3ADO is THE standard for the net.

73,

hasan schiers, N0AN--
---
schiers@ames.net

From kc5ejk@onramp.net Fri Sep 20 14:29:25 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA13926 for <aprssig@tapr.org>; Fri, 20 Sep 1996

14:29:23 -0500 (CDT)
Received: from [199.1.154.60] (lbj60.onramp.net [199.1.154.60]) by
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id OAA27230 for <aprssig@tapr.org>;
Fri, 20 Sep 1996 14:29:15 -0500 (CDT)
Message-Id: <v02140b03ae67f136485e@[199.1.11.105]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Sep 1996 14:29:54 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:4927] pcmcia cards

>After reading the interest in pcmcia cards I started searching the net to
>see what exists.

Socket, the same people who make the Serial PCMCIA card.
There are several others and Keith ,I seem to remember, has played
with them.

BUT why spend $600 for one card that still needs a cable to the antenna.
You can have four Garmin-20 or almost three Garmin-45 stand alone units.
They don't all output standard NMEA so will have limited application and
will need special software drivers for the different platforms and
software programs.

If we could get more than one built in serial port on our
portable computers we would not need these extra PCMCIA TNC/GPS cards.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From sproul@ap.org Fri Sep 20 14:35:42 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id OAA14128 for <aprssig@tapr.org>; Fri, 20 Sep 1996 14:35:41 -0500
(CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
     id PAA16811; Fri, 20 Sep 1996 15:30:31 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007801ae689b15abe6@[165.1.27.20]>
In-Reply-To: <199609201821.LAA09354@mail1.deltanet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Sep 1996 15:06:18 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:4941] Com port problems - WinAPRS
Cc: kjm@deltanet.com

>Greetings:
>

>I am having a problem getting the serial port to open on WinAPRS Ver 1.13
>(registered user).   It works fine on my win95 machine, but does not work
>on my 386. I have install win32s.dll and Freecell runs. I have added the
>serial DLL's to the windows directory and have a set in the winaprs folder
>as well. Previous to adding the serial DLL's to the windows directory a
>message came up stating serial DLL's needed.
>
>Upon running the program I get quite a few windows that pop open that state
>Port failed to open. I am using com port 1 and this port works fine when
>running Paket 6.1 with my TNC. So I know that it is not a hardware
>problem.
>
>Is there something I missed.
>

In most of the other problems I have encountered the problem has been
incorrect or incomplete Windows settings for the Comm port. I know you
said that the other program works fine, this isnt good enough, some
programs for Windows 3.1 talk to the hardware directly or by-pass the
Windows stuff. WinAPRS goes thru the OS ONLY and therefore the Windows
settings MUST be set correctly.

Also try starting WinAPRS from the File manager, not from Icons or short
cuts, i found that this sometimes cures the problem.

Mark

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From jm1@webspan.net Fri Sep 20 15:15:03 1996
Received: from orion.webspan.net (root@orion.webspan.net [206.154.70.41]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA15482 for <aprssig@tapr.org>; Fri, 20
Sep 1996 15:15:01 -0500 (CDT)
Received: from [38.26.47.99] (ip99.stamford2.ct.interramp.com [38.26.47.99])
          by orion.webspan.net (8.7.5/8.6.12) with SMTP id QAA08893
          for <aprssig@tapr.org>; Fri, 20 Sep 1996 16:14:30 -0400 (EDT)
Message-Id: <v01510100ae6872ecdebc@[38.26.47.42]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Sep 1996 16:15:57 +0000
To: aprssig@tapr.org
From: jm1@webspan.net (Jay Millard)
Subject: PicoPacket & MacAPRS

Is anyone running a PicoPacket with a Mac and MacAPRS who would be
available for a little "elmering". Can't get the TNC out of converse
mode...aarghh.
Email direct so the bandwith police don't catch us.

Thanks in advance, Jay KD1LY
(Whose Kenwood 940S is back at Kenwood service, so no HF....doouble aarghh.)

Jay Millard
Harmill Communications Inc.
** Amateur Radio Station KD1LY **
Darien, Connecticut 06820

From clark@tomcat.gsfc.nasa.gov Fri Sep 20 15:17:42 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA15583 for <aprssig@tapr.org>; Fri, 20
Sep 1996 15:17:39 -0500 (CDT)
Date: Fri, 20 Sep 96 19:47:12 UTC
Message-Id: <106818@tomcat.gsfc.nasa.gov>
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
Reply-To: clark@tomcat.gsfc.nasa.gov
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4894] DGPS Tests in Balto/Wash Area

As a followup to yesterday's posting, be advised that the W3IWI-13 DGPS
beacon is on the air on 145.79 as of about noon today (9/21).

The DGPS QTH at my GODE ITRF site isn't the best in the world -- the terrain
is relatively low and the tower is only 30' tall. I am anxious to get signal
reports to see if the coverage is useful.

As WB4APR reported with disgust/frustration about the Balto/Wash situation:
>Basically, from the biggest east coast net, we can now barely see anyone!
>ARGH!!!
In watching the activity today I only saw 4 stations. If the coverage from
IWI-13 is inadequate, I don't have many choices in RELAY sites -- the best
would be WB3V-11. The DGPS beacon is currently sending <UI> frames to DGPS
with no VIA. If the direct IWI-13 coverage is inadequate for some in the
area, I wonder if you are able to copy WB3V-11? Since the DGPS signals
are designed to be used within 50-75 km of the beacon, and since the
beacon's heiroglyphics are sent every 20 seconds, I feel it would be
a bad idea to try to use multiple RELAY or WIDE routing.

To answer two other questions that were raised:
- All you should have to do to make use of the DGPS beacon signals is to
    -- set your TNC to 4800 baud
    -- make sure that the Monitor functions are working
    -- Poke the RS232 rcv output from your TNC into the serial input on
       your GPS receiver
    -- Enable DGPS inputs on the GPS receiver if necessary. For the Garmin
       GPS-38/40/45/455XL, go to the configuration menu and select the

INTERFACES item. Then select either NMEA/RTCM or NONE/RTCM items.
(for a 45XL, be sure to select 4800 baud to match the TNC speed).

For testing the beacon's data output, I used a 45XL and it worked fine. You know that you are decoding DGPS signal by looking at the screen that shows GPS satellite az/el. At the top of that screen you will see text that says something like "3-D Differential", and the S-meter bars will show a "D" for those satellites that have DGPS corrections.

- Regarding the Coast Guard and legality: W3IWI-13 is using bits derived from a totally different source. Given the accuracy to which the antenna location is known, and the fact that a Hydrogen Maser frequency standard is in use, the accuracy of my corrections should be BETTER than those sent by the Coast Guard! So I consider the point moot.

  I'm not convinced that it would not be legal (double negative used intentionally for obfuscation!) for an amateur group to purchase one Coast Guard DGPS receiver (typically ~$500) and then re-send the bits on amateur frequencies. Since the Coast Guard gives the bits away free, they are in the public domain as soon as they are transmitted. This would probably not be the case for the DGPS bits sold commercially by DCI or ACUPOINT -- they "own" the bits and you subscribe to their service. But this is a point for all the Jail House lawyers to debate.

Again -- please give me feedback on (a) can you hear W3IWI-13 and if so (b) does it work for you and if so (c) what kind of performance are you seeing?

73, Tom

From mead@hamal.usc.edu Fri Sep 20 15:25:10 1996
Received: from usc.edu (usc.edu [128.125.253.136]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA15926 for <aprssig@tapr.org>; Fri, 20 Sep 1996 15:25:08 -0500 (CDT)
Received: from hamal.usc.edu (mead@hamal.usc.edu [128.125.18.25])
     by usc.edu (8.7.6/8.7.2/usc) with ESMTP
     id NAA02441 for <aprssig@tapr.org>; Fri, 20 Sep 1996 13:24:59 -0700 (PDT)
Received: (from mead@localhost)
     by hamal.usc.edu (8.7.6/8.7.3/usc)
     id NAA26260; Fri, 20 Sep 1996 13:24:57 -0700 (PDT)
Date: Fri, 20 Sep 96 13:24:56 PDT
From: Dick Mead <mead@hamal.usc.edu>
To: aprssig@tapr.org
Subject: pcmcia comm ports info
Message-ID: <CMM.0.90.4.843251096.mead@hamal.usc.edu>

Since the subject came up, and I saw this in one of my magazines,
I thought I'd pass it on:

Quatech 800-553-1170 makes pcmcia serial cards, one of
which is a quad-port, using 4 DB-9's (not on the card :))

Just FYI

Dick WB6NGC

From bruninga@nadn.navy.mil Fri Sep 20 15:36:14 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA16316 for <aprssig@tapr.org>; Fri, 20
Sep 1996 15:36:12 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id QAA14594 for <aprssig@tapr.org>; Fri, 20 Sep 1996
16:41:12 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 20 Sep 1996 16:41:12 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4942] Secondary Freq Ref for 30m
In-Reply-To: <199609201851.NAA12677@tapr.org>
Message-ID: <Pine.GSO.3.95.960920163919.5423F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Sep 1996 schiers@ames.net wrote:

> Note: This is NOT an indication of absolute frequency. It is an indication
> that you are on the same frequency as W3ADO and N0AN. Bob has indicated to
> me that W3ADO is THE standard for the net.

APRSdos REPLY/COMMENT: Right or wrong, I guess I get to claim to be the
freq czar, hi hi   For those of you that dont know it, W3ADO is the
callsign of the Naval Academy Amateur Radio club. Its HF APRS system is
in my office, hi hi...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From BordingK@aol.com Fri Sep 20 16:05:39 1996
Received: from emout03.mail.aol.com (emout03.mx.aol.com [198.81.11.94]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA17428 for <aprssig@tapr.org>; Fri, 20
Sep 1996 16:05:37 -0500 (CDT)
From: BordingK@aol.com
Received: by emout03.mail.aol.com (8.6.12/8.6.12) id RAA17185 for
aprssig@tapr.org; Fri, 20 Sep 1996 17:05:06 -0400
Date: Fri, 20 Sep 1996 17:05:06 -0400
Message-ID: <960920170505_482492125@emout03.mail.aol.com>
To: aprssig@tapr.org
Subject: Dos/WinAPRS Symbols

1. Going thru the all imprtant Read Me files, I don't see an APRS symbol for
an Emergency Operations Center (EOC). Have I missed something, seems like
one that would be needed. A demo APRS station is up and running in the
Jacksonville, Florida EOC and we would like to use the appropriate symbol.
 Any suggestions?

2. Also, how about a symbol for an evacuation shelter? Maybe even one that could be yellow prior to opening, green when open, and red when full or some other informational system?

P.S. Jacksonville, Florida now has a digi high (435' AGL) atop a building in downtown due to the efforts of AA4QI. Digi is AA4QI-1. Work is still under way to optimize the set up, but now we are on the APRS Map!

73s de KF4COH
Ken in Jax

From n2czf@magg.net Fri Sep 20 16:36:01 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA18770 for <aprssig@tapr.org>; Fri, 20 Sep 1996 16:36:00 -0500 (CDT)
Received: from Cybergate (wpb-110.magg.net [205.218.112.110]) by grumpy.magg.net (8.7.6/8.7.6-Zaph-1) with SMTP id RAA10619 for <aprssig@tapr.org>; Fri, 20 Sep 1996 17:35:57 -0400
Message-Id: <199609202135.RAA10619@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 19 Sep 1996 21:36:04 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:4905] Re: GPS via Windows caution!

Has anyone tried to attach a GPS antenna inside of these fiberglass bodies (with silicone or such) and see if that worked?

snip>>
>Since the van is fiberglass, it makes it hard to mount an antenna on the
>body, since magnets won't work!
>   Michael
>   KA9HNT
73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net   (E-Mail)
http://www.magg.net/~n2czf   (Personal)
http://www.magg.net/~n2czf/aprs.html   (Florida APRS)
http://www.magg.net/~n2czf/brothers.html   (Brothers to the Rescue Human Rights Group)

From ep@hurricane.net Fri Sep 20 17:24:00 1996
Received: from wind.hurricane.net (root@wind.hurricane.net [199.217.78.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA20703 for <aprssig@tapr.org>; Fri, 20 Sep 1996 17:23:58 -0500 (CDT)
From: ep@hurricane.net
Received: from ip-brm-79.hurricane.net (ip-brm-79.hurricane.net [199.217.78.179]) by wind.hurricane.net (8.7.4/8.6.12) with SMTP id PAA19188 for <aprssig@tapr.org>;

Fri, 20 Sep 1996 15:13:20 -0700 (PDT)
Message-Id: <199609202213.PAA19188@wind.hurricane.net>
X-Sender: ep@hurricane.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Sep 1996 15:23:48 -0700
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4944] Re: Com port problems - WinAPRS

At 02:38 PM 9/20/96 -0500, you wrote:

>>I am having a problem getting the serial port to open on WinAPRS Ver 1.13
>>(registered user). It works fine on my win95 machine, but does not work
>>on my 386. I have install win32s.dll and Freecell runs. I have added the
>>serial DLL's to the windows directory and have a set in the winaprs folder
>>as well. Previous to adding the serial DLL's to the windows directory a
>>message came up stating serial DLL's needed.
>>
>>Upon running the program I get quite a few windows that pop open that state
>>Port failed to open. I am using com port 1 and this port works fine when
>>running Paket 6.1 with my TNC. So I know that it is not a hardware
>>problem.
>>
>>Is there something I missed.

You also failed to mention the COMPort DLL version-

If it is the origional, you might want to download an updated
version from MS....

73
Tom

From alanwc7r@primenet.com Fri Sep 20 18:04:30 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA22000 for <aprssig@tapr.org>; Fri, 20
Sep 1996 18:04:24 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
mailhost1.primenet.com (8.7.6/8.7.1) with ESMTP id QAA01388 for
<aprssig@tapr.org>; Fri, 20 Sep 1996 16:04:21 -0700 (MST)
Received: from primenet.primenet.com (ip211.prc.primenet.com [204.212.56.211]) by
primenet.com (8.7.6/8.7.5) with SMTP id QAA28216 for <aprssig@tapr.org>; Fri, 20
Sep 1996 16:03:44 -0700 (MST)
Message-Id: <2.2.32.19960920230407.0067ae08@mailhost.primenet.com>
X-Sender: alanwc7r@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 20 Sep 1996 16:04:07 -0700
To: aprssig@tapr.org
From: "Alan K. Unangst" <alanwc7r@primenet.com>
Subject: HELP - APRS / GPS-45 & KPC-3

Here is the problem, getting GPS data to run thru APRS, into a KPC-3 and be transmitted.

SYSTEM: IBM Thinkpad 760, Garmin GPS-45, Kantronics KPC-3, APRS 7.7b, "Y" harness (GPS-45 to Comp. Serial Port to KPC-3 Parallel Port).

I set the KPC-3 to a baud rate of 4800, the GPS-45 to NONE/NEMA and APRS to baud rate of 4800.

What I get on the APRS screen is: the GPS data flowing across the bottom of the screen, and in the top right hand corner I get the message "TNC not responding" AND I/O-glitch. Therefor nothing is sent to the TNC to be transmitted.

I have tried everything that I can think of, with out success. The really maddening part is that last year I had this working on my IBM P\S Note just fine.

HELP. I am stuck. Nothing that I have tried has worked. What am I doing wrong, not doing..Etc.

In advance, thanks for taking the time to read this, and for any help that you may be.

73, Alan
Alan K. Unangst, WC7R
E-mail: alanwc7r@primenet.com
Amateur Radio Packet: WC7R @ KB7FRV

From kc7lsp@juno.com Fri Sep 20 18:40:32 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA22789 for <aprssig@tapr.org>; Fri, 20 Sep 1996 18:40:30 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail)
     id TAB21713; Fri, 20 Sep 1996 19:40:26 EDT
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4945] PicoPacket & MacAPRS
Message-ID: <19960920.163751.4495.1.KC7LSP@juno.com>
References: <v01510100ae6872ecdebc@[38.26.47.42]>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-3,6
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Fri, 20 Sep 1996 19:40:26 EDT

On Fri, 20 Sep 1996 15:20:37 -0500 (CDT) jm1@webspan.net (Jay Millard) writes:

>Can't get the TNC out of converse mode...aarghh.
Jay, I don't know if I'm wasting bandspace here or not since I do not have a Pico Packet, but on AEA TNC's a good old fashioned "CONTROL-C" will put one back into COMMAND mode.

From kc7lsp@juno.com Fri Sep 20 18:40:35 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA22806 for <aprssig@tapr.org>; Fri, 20
Sep 1996 18:40:34 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail)
     id TAA21713; Fri, 20 Sep 1996 19:40:26 EDT
To: aprssig@tapr.org
Subject: Re: pcmcia cards
Message-ID: <19960920.163751.4495.0.KC7LSP@juno.com>
References: <v02140b03ae67f136485e@[199.1.11.105]>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-5,9-10,12,15-24
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Fri, 20 Sep 1996 19:40:26 EDT

On Fri, 20 Sep 1996 14:36:18 -0500 (CDT) kc5ejk@onramp.net (Robert
Winingham) writes:

>BUT why spend $600 for one card that still needs a cable to the antenna.
>You can have four Garmin-20 or almost three Garmin-45 stand alone units.

I understand where you are coming from; I have to scrimp & save for my
toys. Now, when it comes to ease of use, that is the >major< part of my
enjoyment factor. In fact, size is about the only thing that will get me
to spend more.

When I go on trips with my family, we carry enough junk as it is. Adding
numerous extras like external power
supplies, cables & fittings does not appeal to me in the least. About
the only time I do put up with cable spaggetti is when I'm called out on
ARES duty.

73, Kevan

Postal   : 313 Cedar Court - Winlock, WA 98596-9777
Packet : KC7LSP@WA7SJN.#WWA.WA.USA.NOAM

Cruise Missile Coordinates :   4631.17N/12255.10W

From kc7lsp@juno.com Fri Sep 20 18:46:59 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA22937 for <aprssig@tapr.org>; Fri, 20
Sep 1996 18:46:57 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail)
     id TAA23090; Fri, 20 Sep 1996 19:46:47 EDT
To: aprssig@tapr.org
Subject: KC7LSP: Re: pcmcia cards
Message-ID: <19960920.164420.4495.2.KC7LSP@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-5,9-10,12,15-23
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Fri, 20 Sep 1996 19:46:47 EDT

On Fri, 20 Sep 1996 14:36:18 -0500 (CDT) kc5ejk@onramp.net (Robert Winingham) writes:

>BUT why spend $600 for one card that still needs a cable to the antenna.
>You can have four Garmin-20 or almost three Garmin-45 stand alone units.

I understand where you are coming from; I have to scrimp & save for my toys. Now, when it comes to ease of use, that is the >major< part of my enjoyment factor. In fact, size is about the only thing that will get me to spend more.

When I go on trips with my family, we carry enough junk as it is. Adding numerous extras like external power
supplies, cables & fittings does not appeal to me in the least. About the only time I do put up with cable spaggetti is when I'm called out on ARES duty.

73, Kevan

Postal   : 313 Cedar Court - Winlock, WA 98596-9777
Packet : KC7LSP@WA7SJN.#WWA.WA.USA.NOAM

Cruise Missile Coordinates :   4631.17N/12255.10W

From kc7lsp@juno.com Fri Sep 20 19:03:31 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA23539 for <aprssig@tapr.org>; Fri, 20 Sep 1996 19:03:29 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail)
     id UAB26318; Fri, 20 Sep 1996 20:00:55 EDT
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4832] PCMCIA TNC
Message-ID: <19960920.165749.4495.5.KC7LSP@juno.com>
References: <01BBA540.49A8A660@gwyn.paccomm.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-2,4-7,9-18
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Fri, 20 Sep 1996 20:00:55 EDT

On Wed, 18 Sep 1996 08:20:56 -0500 (CDT) Gwyn Reedy <gwyn@paccomm.com> writes:

>And above all it would have to be inexpensive (I know - we regularly get

>berated for charging what we do for TNCs and radios - from people who
>have no appreciation of the costs of running a business....)

I agree, peole want everything cheap, but forget the first rule of commerce. ...
>>> If 'dere ain't no profit, 'dere ain't no product. <<<

Postal   : 313 Cedar Court - Winlock, WA 98596-9777
Packet : KC7LSP@WA7SJN.#WWA.WA.USA.NOAM

Cruise Missile Coordinates :   4631.17N/12255.10W

From dseaburg@web-access.net Fri Sep 20 20:00:11 1996
Received: from austin.aus.sig.net (root@austin.aus.sig.net [199.1.78.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA25503 for <aprssig@tapr.org>; Fri, 20 Sep 1996 20:00:09 -0500 (CDT)
Received: from seab486dx4 (ppp140.web-access.net [205.241.59.140]) by austin.aus.sig.net (8.7.5/8.7.3) with SMTP id TAA19118 for <aprssig@tapr.org>; Fri, 20 Sep 1996 19:59:34 -0500 (CDT)
Message-ID: <32433E47.798F@web-access.net>
Date: Fri, 20 Sep 1996 20:00:55 -0500
From: Dale Seaburg <dseaburg@web-access.net>
X-Mailer: Mozilla 3.0b8Gold (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4947] pcmcia comm ports info
References: <CMM.0.90.4.843251096.mead@hamal.usc.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dick Mead wrote:
>
> Since the subject came up, and I saw this in one of my magazines,
> I thought I'd pass it on:
>
> Quatech 800-553-1170 makes pcmcia serial cards, one of
> which is a quad-port, using 4 DB-9's (not on the card :))
>
> Just FYI
>
> Dick WB6NGC

Here's their homepage:

http://www.quatech.com/public/default.htm

Look under What's New to find the QSP100 quad port card.

Dale Seaburg KG5LT
dseaburg@web-access.net

From davew@cruzio.com Fri Sep 20 20:15:08 1996
Received: from cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA25881 for <aprssig@tapr.org>; Fri, 20 Sep 1996 20:15:07 -0500 (CDT)
Date: Fri, 20 Sep 1996 20:15:07 -0500 (CDT)
Received: from pine222.cruzio.com by cruzio.com id ab10621; 20 Sep 96 18:14 PDT
X-Sender: davew@mail.cruzio.com

X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: David Wells <davew@cruzio.com>
Subject: Re: [APRSSIG:4952] HELP - APRS / GPS-45 & KPC-3
Message-ID: <9609201814.ab10621@cruzio.com>

At 06:25 PM 9/20/96 -0500, you wrote:
>Here is the problem, getting GPS data to run thru APRS, into a KPC-3 and be
>transmitted.
>
>SYSTEM: IBM Thinkpad 760, Garmin GPS-45, Kantronics KPC-3, APRS 7.7b, "Y"
>harness (GPS-45 to Comp. Serial Port to KPC-3 Parallel Port).
>
>I set the KPC-3 to a baud rate of 4800, the GPS-45 to NONE/NEMA and APRS to
>baud rate of 4800.
>
>What I get on the APRS screen is: the GPS data flowing across the bottom of
>the screen, and in the top right hand corner I get the message "TNC not
>responding" AND I/O-glitch. Therefor nothing is sent to the TNC to be
>transmitted.
>
>I have tried everything that I can think of, with out success. The really
>maddening part is that last year I had this working on my IBM P\S Note just
>fine.
>
>HELP. I am stuck. Nothing that I have tried has worked. What am I doing
>wrong, not doing..Etc.
>
>In advance, thanks for taking the time to read this, and for any help that
>you may be.
>
>73, Alan
>Alan K. Unangst, WC7R
>E-mail: alanwc7r@primenet.com
>Amateur Radio Packet: WC7R @ KB7FRV
>
>.-
>

Alan,
The "Y" cable is the problem. You cannot feed the GPS to the TNC and have the TNC trying to communicate with the computer at the same time. You need to use a switch or feed the GPS to one com port and the TNC to another. That is what I do with my GPS75 and KPC-3.

Dave
David L. Wells KD6TO (KD6 Teletype Operator)
INTERNET: davew@cruzio.com
Watsonville, CA USA

From z004391b@bcfreenet.seflin.lib.fl.us Fri Sep 20 21:20:30 1996

Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA27676 for <aprssig@tapr.org>; Fri, 20 Sep 1996 21:20:27 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id WAA06434; Fri, 20 Sep 1996 22:19:45 -0400
Date: Fri, 20 Sep 1996 22:19:45 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:4868] Re: HF
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <199609190219.WAA14391@grumpy.magg.net>
Message-ID: <Pine.3.89.9609202230.A298-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Peter described it to me one day. It has an excellent modem that has excellent filtering. It knows where exact center frequency is for the tones. Once you know that then you know how far off you are from the others or vice versa if you are the standard. He had me going up and down 10 hz at a time tweaking in my frequency to his.
73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Wed, 18 Sep 1996, Richard Garcia wrote:

> What kind of TNC is that ? I have never heard of a TNC that is accurate to a
> hertz or so. What I mean is that I have never known that it matters what
> quality of TNC you have when it comes to RF frequency. I have always thought
> that is a factor of the radio not TNC.
>
> >Peter, W7LUS, has a request that all zero beat to his station. He has
> >the kind of TNC that is accurate to a hertz or so and has zero-beat
> >himself to one of the often-heard stations in the NE.
> >
> >
> >John W. Wilson, KN4HX
> >z004391b@bcfreenet.seflin.lib.fl.us
> >
> 73's Rich N2CZF
> Jupiter Farms Florida
> n2czf@magg.net   (E-Mail)
> http://www.magg.net/~n2czf   (Personal)
> http://www.magg.net/~n2czf/aprs.html   (Florida APRS)
> http://www.magg.net/~n2czf/brothers.html   (Brothers to the Rescue Human
> Rights Group)
>

From z004391b@bcfreenet.seflin.lib.fl.us Fri Sep 20 21:23:04 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us

[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA27774 for
<aprssig@tapr.org>; Fri, 20 Sep 1996 21:23:02 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id WAA07380; Fri, 20 Sep 1996 22:22:24 -0400
Date: Fri, 20 Sep 1996 22:22:23 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:4874] Re: HF
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <3240C10E.5AB5@slkc.uswest.net>
Message-ID: <Pine.3.89.9609202254.B298-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

All it takes is one station to start with. If the Easterners beat to
Peter and the Westerners beat to one of them then they are all together.
Pick a station, hopefully one with a stable rig, and start there.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Wed, 18 Sep 1996, Doug Wetzel wrote:

> John W Wilson wrote:
> >
> > Peter, W7LUS, has a request that all zero beat to his station. He has
> > the kind of TNC that is accurate to a hertz or so and has zero-beat
> > himself to one of the often-heard stations in the NE.
> >
>
> Unfortunately, I don't often hear Peter direct. If N0AN, KU0G, or KF0ZH
> can hear him and sero beat, those of us west of the Rockies can probably
> get back on the dead center of the net.
>
> Doug
> KC7CO
>

From z004391b@bcfreenet.seflin.lib.fl.us Fri Sep 20 21:29:55 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA27881 for
<aprssig@tapr.org>; Fri, 20 Sep 1996 21:29:53 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id WAA09428; Fri, 20 Sep 1996 22:29:15 -0400
Date: Fri, 20 Sep 1996 22:29:15 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:4879] Re: PCMCIA ?????
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <199609190447.XAA02599@tapr.org>
Message-ID: <Pine.3.89.9609202252.E298-0100000@bcfreenet.seflin.lib.fl.us>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That was my first feeling, that it would be too flimsy. I have two
PCMCIA cards, a LAN and a MODEM card, and both have very delicate
connectors. I would not use one in the car if it was open to being
bumped. The things are just too expensive.
73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Thu, 19 Sep 1996, Roger Sellers wrote:

> >I understand that there is a PCMCIA card which will add two (2) serial ports
> >to a computer (laptop). With all the conversation going on now, on the SIG,
> >about PCMCIA cards. Does any one know where I can get a dual port PCMCIA
> >card. I understand that a company named Pocket (sp?) makes one but I have
> >been unable to find out any information on them.
> >
> I bought a single port PCMCIA serial card for about $120 from a mail order
> company. Check any mail order catalog. I have Insight, CDW, and Datacomm.
> Try www.insight.com or www.cdw.com on the web.
>   Hope this helps. It fixed my single port problem. I dont much like the
> PCMCIA connector though. too flimsy.
>
> 73,
>
> Roger Sellers
> Amateur Radio: KB9LBU
> E-Mail Home: rsellers@rockford.com
>   kb9lbu@juno.com
> E-Mail Work: rsellers@snds.com
>
>
>

From wbliss@coastside.net Fri Sep 20 23:43:06 1996
Received: from poseidon (www.coastside.net [205.162.38.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id XAA02449 for <aprssig@tapr.org>; Fri, 20 Sep 1996
23:43:01 -0500 (CDT)
Received: from LOCALNAME (tsvr1.coastside.com [205.162.38.32]) by poseidon
(8.6.11/8.6.12) with SMTP id VAA27375; Fri, 20 Sep 1996 21:38:08 -0700
Date: Fri, 20 Sep 1996 21:38:08 -0700
Message-Id: <199609210438.VAA27375@poseidon>
X-Sender: wbliss@mail.coastside.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>

Subject: S/V SECOND WIND/KN6KB APRS TRACKING
Cc: mmuething@juno.com, kb6lfm@ix.netcom.com

ATTN: APRS'ers APRS SPECIAL EVENT.. Filed: 210500GMT SEP 96

Rick/KN6KB and his S/V Second Wind, 42footer, deptarted Berkeley, Ca. Yacht Harbor this morning for a long voyage to Cape Canaveral, Fl. Due to seasickness of a green crewmember, his first overnight stop was here in Pillar Pt. Princeton Harbor, just north of Half Moon Bay.

This first leg is to San Diego, Ca. about a 4 or 5 day voyage. Rick will be up on 145.01/VHF for northern Ca., and 145.79 down in the Los Angeles, San Diego area. He will also be on HF/10151/lsb for his APRS tracking and 14065/Pactor for messages and QSO's with Bill/KB6LFM.

On October 28th, Rick will sail in the Baja HA HA race from San Diego, to Cabo San Lucas, Baja Calif. Mexico. GPS APRS tracking from then on will be on 10151/LSB HF. After the race at Cabo, he will journey down the Central American coast, stopping at various ports along the way.

His plans are to be in Ziuhatenejo for two weeks and fly home for Xmas holidays and return and continue trip down coast to Panama and thence in 97 to Cape Canaveral Florida.

Rick is a strong supporter here in Calif, of APRS and enjoys the GPS tracking and we hope to have a complete voyage GPS/APRS HST tracking file when all is done. We need the cooperation and help of all APRS users and interested parties, to keep his positions posted and communications with him for APRS activities. Rick has already authored an article in the "Cruising World" Yacting magazine,(Feb/96), and this voyage should also spurn another sailing article and the great virtures of GPS/Tracking/APRS, and of course Ham Radio for Yachtsman.

So the participation and support of all the APRS family will be appreciated. Hopefully we will keep you all updated of events along his cruise.

73's & Enjoy, Bill/WB6LPG @KA6EYH.#NOCAL.CA.USA.NOAM <bbliss@juno.com>
NNNN

WBB/WB6LPG

From wa8inz@cris.com Sat Sep 21 01:35:47 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA09742 for <aprssig@tapr.org>; Sat, 21 Sep 1996 01:35:45 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id CAA06457; Sat, 21 Sep 1996 02:34:54 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80130.concentric.net [206.83.64.30])
by cliff.cris.com (8.7.5)
id CAA09914; Sat, 21 Sep 1996 02:35:42 -0400 (EDT)
Message-ID: <3243A8DD.F71@cris.com>
Date: Sat, 21 Sep 1996 01:35:41 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DFjr Foxhunt
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well had another foxhunt tonight using the DFjr. There was a group of 8
or 9 hunting groups, besides myself there was one other person using a
homebrew doppler system with antenna array at 120 degree, so he used 3
antennas. Well i came in first and the other doppler cam in second. For
those wanting to know about the DFjr it works perfect. This hunt was
right in midtown Huntsville and locating the fox i never made a wrong
turn it led me right to the fox who was sitting in a car parked in
someones driveway, but of course he wasn't visible because he ducked down
below seat back level, and don't forget this was at 9:30 PM pretty black
around there at that time of night. So to sum this hunt up the DFjr
worked just great (Of course it did i came in first Hi). The only bad
thing about this is the way they work it here is that the winner will be
the fox next time, i don't realy want to be because i like the hunting
part better. O well.
--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From hk3gal@ibm.net Sat Sep 21 09:49:29 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA18214 for <aprssig@tapr.org>; Sat,
21 Sep 1996 09:49:27 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
OAA50377 for <aprssig@tapr.org>; Sat, 21 Sep 1996 14:49:25 GMT
Date: Sat, 21 Sep 1996 14:49:25 GMT
Message-Id: <199609211449.OAA50377@smtp-gw01.ny.us.ibm.net>
Received: from unknown(166.72.54.88) by smtp-gw01.ny.us.ibm.net via smap (V1.3mjr)
     id smapqYCcx; Sat Sep 21 14:49:14 1996
X-Sender: hk3gal@pop03.ca.us.ibm.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: gerardo arias <hk3gal@ibm.net>
Subject: help on tapr cd rom

hi to all.

i am interested on test de winaprs software, and have buy the tapr 1996 cd rom
to find it, but it say that beta time has exipired...

any sugestion __?? tnx

de hk3gal (Gerardo Arias L.)

From mbary@nmaa.org Sat Sep 21 10:07:55 1996
Received: from mail.nmaa.org (luckier.nmaa.org [204.91.49.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA18813 for <aprssig@tapr.org>; Sat, 21 Sep 1996
10:07:53 -0500 (CDT)
Received: from ppp95.nmaa.org ([204.91.49.95]) by mail.nmaa.org
          (post.office MTA v1.9.1 ID# 0-11620) with SMTP id AAA195
          for <aprssig@tapr.org>; Sat, 21 Sep 1996 11:11:27 -0400
Message-ID: <32442EAE.6DBB@nmaa.org>
Date: Sat, 21 Sep 1996 11:06:38 -0700
From: mbary@nmaa.org (Mark L. Bary)
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4863] N1IUH address?
References: <Pine.GSO.3.95.960918190339.4868A-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>
> He send a request for a Rhode Island Map but no return address. ANyone
> know him and can tell him of the problem?
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

I forwarded what I had from my QRZ CD-ROM for him to you via sepcor.

73
Mark
N4EOC

From wa8inz@cris.com Sat Sep 21 10:40:41 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA19892 for <aprssig@tapr.org>; Sat, 21
Sep 1996 10:40:40 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id LAA14426; Sat, 21 Sep 1996 11:39:49 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80282.concentric.net [206.173.113.82])
     by cliff.cris.com (8.7.5)
     id LAA22287; Sat, 21 Sep 1996 11:40:36 -0400 (EDT)
Message-ID: <32442890.7DBC@cris.com>
Date: Sat, 21 Sep 1996 10:40:32 -0700

From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Logo Page
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those interested in APRS logo's I have added a new one you may be
interested in. As a service to the Amateur radio community i will for a
limited time offer my services to those that wan't one of these made for
your state. You of course have to look at this logo to know what i'm
talking about Hi. This page i'm sure will be slooow in loading for the
average system so be aware of this. Remember to capture any of these
logo's using Netscape you have to click your right mouse button when the
pointer is on the logo, don't know about other browsers.
--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From foga@foothill.net Sat Sep 21 11:29:42 1996
Received: from ns1.foothill.net (ns1.foothill.net [206.170.175.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA21632 for <aprssig@tapr.org>; Sat, 21 Sep 1996
11:29:41 -0500 (CDT)
Received: from yosemite-d41.foothill.net (yosemite-d41.foothill.net
[207.104.160.41]) by ns1.foothill.net (8.6.9/8.6.12) with SMTP id JAA03248 for
<aprssig@tapr.org>; Sat, 21 Sep 1996 09:43:42 -0700
Date: Sat, 21 Sep 1996 09:43:42 -0700
Message-Id: <199609211643.JAA03248@ns1.foothill.net>
X-Sender: foga@foothill.net
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: foga@foothill.net (DAN FOGARD)
Subject: aprtrak

        BEEN LO0KING AT APRTRAK ....WITH THIS LATEST SHUTTLE ....PUTTING
IN KEPS

        I GET A DIFFERENT TRACK ON APRTRAK THAN ON OTHER PROGRAMS I HAVE.......

        APTRTRAK IS ALWAYS BEHIND ....PROVED BY AOS AND LOS .....OF BIRD

AM I MISSING SOMETHING ......OR DO I HAVE TO PAY UP FIRST?

LO0KING FOR A CORRECT TRACK....DAN W6PRL

From kc5ejk@onramp.net Sat Sep 21 13:44:01 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA29304 for <aprssig@tapr.org>; Sat, 21 Sep 1996 13:43:59 -0500 (CDT)
Received: from [199.1.11.130] (dal30.onramp.net [199.1.11.130]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id NAA25323 for <aprssig@tapr.org>; Sat, 21 Sep 1996 13:43:53 -0500 (CDT)
Message-Id: <v02140b01ae69f56dbdf0@[199.1.11.130]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 21 Sep 1996 13:44:32 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:4967] aprtrak

>BEEN LO0KING AT APRTRAK ....WITH THIS LATEST SHUTTLE ....PUTTING IN KEPS
>
>   I GET A DIFFERENT TRACK ON APRTRAK THAN ON OTHER PROGRAMS I HAVE.......
>
>   APTRTRAK IS ALWAYS BEHIND ....PROVED BY AOS AND LOS .....OF BIRD
>
>   AM I MISSING SOMETHING ......OR DO I HAVE TO PAY UP FIRST?
>
>
>
>
>   LO0KING FOR A CORRECT TRACK....DAN W6PRL

If you are using the same KEPS then check to see if you have typed in the same local time to UTC(GMT) offset for APRtrack .

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From foga@foothill.net Sat Sep 21 19:48:43 1996
Received: from ns1.foothill.net (ns1.foothill.net [206.170.175.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA07620 for <aprssig@tapr.org>; Sat, 21 Sep 1996 19:48:40 -0500 (CDT)
Received: from yosemite-d38.foothill.net (yosemite-d38.foothill.net [207.104.160.38]) by ns1.foothill.net (8.6.9/8.6.12) with SMTP id SAA17078 for <aprssig@tapr.org>; Sat, 21 Sep 1996 18:02:42 -0700
Date: Sat, 21 Sep 1996 18:02:42 -0700

Message-Id: <199609220102.SAA17078@ns1.foothill.net>
X-Sender: foga@foothill.net
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: foga@foothill.net (DAN FOGARD)
Subject: Re: [APRSSIG:4968] Re: aprtrak

>>BEEN LO0KING AT APRTRAK ....WITH THIS LATEST SHUTTLE ....PUTTING IN KEPS
>>
>>   I GET A DIFFERENT TRACK ON APRTRAK THAN ON OTHER PROGRAMS I
HAVE.......
>>
>>   APTRTRAK IS ALWAYS BEHIND ....PROVED BY AOS AND LOS .....OF BIRD
>>
>>   AM I MISSING SOMETHING ......OR DO I HAVE TO PAY UP FIRST?
>>
>>
>>
>>
>>   LO0KING FOR A CORRECT TRACK....DAN W6PRL

>
>
>If you are using the same KEPS then check to see if you have typed in the
>same local time to UTC(GMT) offset for APRtrack .
>
>73
>
>Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---
>
>TIMES ARE THE SAME.......CHECKED THAT DAN W6PRL
>
>

From bruninga@nadn.navy.mil Sat Sep 21 19:58:00 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA07718 for <aprssig@tapr.org>; Sat, 21
Sep 1996 19:57:57 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id VAA19954 for <aprssig@tapr.org>; Sat, 21 Sep 1996
21:03:00 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 21 Sep 1996 21:02:59 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: VA Beach Hamfest
Message-ID: <Pine.GSO.3.95.960921205750.19921A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well just got back from a 500 mile round trip to VaBch for a 1 hour talk on APRS. Its was pretty well attended, about 20 to 30 people showed up. Hope this plants the seed in Norfolk and RIchmond... Only new thoughts during the 12 hours on the road as I used the MicEncoder on every 2m repeater I could find, was the way to ID.

Typically I say WB4APR GPS PACKET MOBILE

Or APRS MOBILE

or GPS mobile.

I donno which one is more meaningful. There are folks who dont know what APRS means and there are HAMS that dont know what GPS means... hi hi

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sat Sep 21 20:15:07 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA08062 for <aprssig@tapr.org>; Sat, 21 Sep 1996 20:15:06 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id VAA20051 for <aprssig@tapr.org>; Sat, 21 Sep 1996 21:20:09 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 21 Sep 1996 21:20:09 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: GPS via fiberglass and SNR?
In-Reply-To: <199609202135.RAA10619@grumpy.magg.net>
Message-ID: <Pine.GSO.3.95.960921211305.19921D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Sep 1996, Richard Garcia wrote:

> Has anyone tried to attach a GPS antenna inside of these fiberglass bodies
> (with silicone or such) and see if that worked?

APRSdos REPLY/COMMENT: Today I did that test. Remember that the entire roof of the Transport/Lumina/Silouette is plastic, with only a steel shell around the edges. I could hold the GPS unit to the roof over my head, and get a few satellites, but SEVERAL DB below what I got holding it out the window. THis raises a question which TOM CLARK clarified for me and maybe he could clarify again.

He says the that Signal-to-noise level reported by the GPS units is not a true SNR to thermal noise, but SNR to channel noise level which for one satellite means its signal compared to the noise of the receiver AND all

the noise of the other 7 satellites in view. (did I get that right Tom?)

I notice that when my garmin 45 gets its first 1, 2 or 3 satellites, they
are FULL strength over the top graph line. But once more satellies get
locked on, the signals reported for those initial 3 satellites goes
down... Is this what you are talking about Tom? Or was this just a
fluke?

 Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sat Sep 21 20:19:48 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA08229 for <aprssig@tapr.org>; Sat, 21
Sep 1996 20:19:46 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id VAA20086 for <aprssig@tapr.org>; Sat, 21 Sep 1996
21:24:49 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 21 Sep 1996 21:24:49 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4952] HELP - APRS / GPS-45 & KPC-3
In-Reply-To: <2.2.32.19960920230407.0067ae08@mailhost.primenet.com>
Message-ID: <Pine.GSO.3.95.960921212348.19921F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Sep 1996, Alan K. Unangst wrote:

> Here is the problem, getting GPS data to run thru APRS, into a KPC-3 and be
> transmitted.
>
> SYSTEM: IBM Thinkpad 760, Garmin GPS-45, Kantronics KPC-3, APRS 7.7b, "Y"
> harness (GPS-45 to Comp. Serial Port to KPC-3 Parallel Port).

APRSdos REPLY/COMMENT: There is no such thing as a "Y" cable. It must be
an HSP switch or a push button switch or a dual port PC. Sorry...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sat Sep 21 20:32:16 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA08399 for <aprssig@tapr.org>; Sat, 21
Sep 1996 20:32:15 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id VAA20173 for <aprssig@tapr.org>; Sat, 21 Sep 1996
21:37:18 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 21 Sep 1996 21:37:18 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4967] aprtrak
In-Reply-To: <199609211643.JAA03248@ns1.foothill.net>
Message-ID: <Pine.GSO.3.95.960921213441.19921H-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 21 Sep 1996, DAN FOGARD wrote:

>   BEEN LO0KING AT APRTRAK ....WITH THIS LATEST SHUTTLE ....PUTTING
> IN KEPS I GET A DIFFERENT TRACK ON APRTRAK THAN ON OTHER PROGRAMS I HAVE..

APRSdos REPLY/COMMENT: Be sure it is APRtrak version 0.5 or later. 0.4 is
stuck in Eastern Standard Time. Be sure to enter your correct time zone
offset when you start APRtrak. If you have saved a config file it will
start with what every time xzone you had before, so be careful when you
change between Standard and Daylight time.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From jjc@infi.net Sat Sep 21 22:55:27 1996
Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA11598 for <aprssig@tapr.org>; Sat, 21 Sep 1996
22:55:26 -0500 (CDT)
Received: from jjc.infi.net by mh004.infi.net with SMTP
     (Infinet-S-3.3) id XAA32495; Sat, 21 Sep 1996 23:55:32 -0400 (EDT)
Date: Sat, 21 Sep 1996 23:55:32 -0400 (EDT)
Message-Id: <2.2.16.19960921235551.37eff658@mailhost.infi.net>
X-Sender: jjc@mailhost.infi.net
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Conrad <jjc@infi.net>
Subject: Re: [APRSSIG:4865] Re: DFjr: Good or Bad?

At 06:47 PM 9/18/96 -0500, William Nolle wrote:
>robert wrote:
>>
>> Is the DFjr worth its price? Is is reliable and easy to use, especially
>> with APRS? I would like to hear the opinions of those who have and use
>> one.
>>
>> Thanks!
>
>Well Robert that's a big question Hi. Is it reliable, that remains to be seen
>it's not been on the market all that long. Does it work YES it does a great
>job and never failed to point right to the signal. Could it be better, of

~~snip~~

I have heard alot about the DFjr and the MicEncoder. Can someone tell me
where I can get additional specs/info and purchase info.

Thanks .. Jim - N4WFP - Norfolk Va

<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>
<:> Jim Conrad - Ocean View Communications - jjc@infi.net <:>
<:> 757-490-8217 Office - 757-587-8251 Fax - 757-473-6740 Pager <:>
<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>

From kc5ejk@onramp.net Sun Sep 22 00:09:03 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id AAA16952 for <aprssig@tapr.org>; Sun, 22 Sep 1996
00:08:58 -0500 (CDT)
Received: from [199.1.11.120] (dal20.onramp.net [199.1.11.120]) by
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id AAA18497 for <aprssig@tapr.org>;
Sun, 22 Sep 1996 00:08:53 -0500 (CDT)
Message-Id: <v02140b01ae6a88383a97@[199.1.11.120]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 00:09:33 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:4974] Re: DFjr: Good

>I have heard alot about the DFjr and the MicEncoder. Can someone tell me
>where I can get additional specs/info and purchase info.
>

For DFjr info ; if you missed the ending of Joe's messages: :-)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "
mailto:Jagrelo@cris.com
WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.
Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From wa8inz@cris.com Sun Sep 22 00:11:43 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA16973 for <aprssig@tapr.org>; Sun, 22 Sep 1996 00:11:34 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id BAA03671; Sun, 22 Sep 1996 01:10:38 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80364.concentric.net [206.173.114.64])
     by cliff.cris.com (8.7.5)
     id BAA24764; Sun, 22 Sep 1996 01:11:26 -0400 (EDT)
Message-ID: <3244E688.6F45@cris.com>
Date: Sun, 22 Sep 1996 00:11:04 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4974] Re: DFjr: Good or Bad?
References: <2.2.16.19960921235551.37eff658@mailhost.infi.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Conrad wrote:
>
> At 06:47 PM 9/18/96 -0500, William Nolle wrote:
> >robert wrote:
> >>
> >> Is the DFjr worth its price? Is is reliable and easy to use, especially
> >> with APRS? I would like to hear the opinions of those who have and use
> >> one.
> >>
> >> Thanks!
> >
> >Well Robert that's a big question Hi. Is it reliable, that remains to be seen
> >it's not been on the market all that long. Does it work YES it does a great
> >job and never failed to point right to the signal. Could it be better, of
>
> ~~snip~~
>
> I have heard alot about the DFjr and the MicEncoder. Can someone tell me
> where I can get additional specs/info and purchase info.
>
> Thanks .. Jim - N4WFP - Norfolk Va
>
>
> <:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>> <:>
Jim Conrad - Ocean View Communications - jjc@infi.net   <:>
> <:> 757-490-8217 Office - 757-587-8251 Fax - 757-473-6740 Pager   <:>
> <:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>Yes Jim just go to my APRS webpage and you will find a link to the DFjr
web site. Just click on the DFjr Icon.
--
                    \////

(0 0)
--o0-(_)-0o--
wa8inz@amsat.org
wa8inz@cris.com
Check out my dedicated A.P.R.S Web Page.
THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
Also check out my WA8INZ Home page.

http://www.concentric.net/~wa8inz

From kc7lsp@juno.com Sun Sep 22 00:46:06 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA19760 for <aprssig@tapr.org>; Sun, 22 Sep 1996 00:46:04 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail) id BAA22598; Sun, 22 Sep 1996 01:44:38 EDT
To: aprssig@tapr.org
Subject: Re: HELP - APRS / GPS-45 & KPC-3
Message-ID: <19960921.224208.4231.0.KC7LSP@juno.com>
References: <Pine.GSO.3.95.960921212348.19921F-100000@arctic>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-2,4-5,7-9,13-14,16,18,21-22,24-31
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Sun, 22 Sep 1996 01:44:38 EDT

On Sat, 21 Sep 1996 20:34:04 -0500 (CDT) Bob Bruninga <bruninga@nadn.navy.mil> writes:

>> SYSTEM: IBM Thinkpad 760, Garmin GPS-45, Kantronics KPC-3, APRS 7.7b, "Y" harness (GPS-45 to Comp. >> Serial Port to KPC-3 Parallel Port).

>APRSdos REPLY/COMMENT: There is no such thing as a "Y" cable. It must be an HSP switch or a push button >switch or a dual port PC. Sorry...

Bob, what is an HSP switch?
If it's a small chip or a few discrete components that automagically suspends throughput from the computer to the TNC when the GPS is sending data, I understand. I would like to know what the "HSP" stands for in any event.

My dad, KC7EPD runs a PK-96 on his laptop with a Garmin-45. From the >EXTERNAL< view the adapter sure
looks like a Y-cable to me. All it does is allow him to route the GPS's data into the same data
stream /RS-232 port that the TNC uses. I admit I've never cracked open his case to peek inside, but for only 31 bux I'd be surprised if there was more than just a couple of solder points for the GPS cable.

If there is more to it, I'd appreciate a schematic for such a circuit. I believe I have a practical application for one.

73. Kevan

Postal   : 313 Cedar Court - Winlock, WA 98596-9777
Packet : KC7LSP@WA7SJN.#WWA.WA.USA.NOAM

Cruise Missile Coordinates :   4631.17N/12255.10W

From r_denis@globalnet.hn Sun Sep 22 01:12:18 1996
Received: from copan.globalnet.hn ([206.48.106.66]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id BAA20468 for <aprssig@tapr.org>; Sun, 22 Sep 1996 01:12:14 -0500
(CDT)
Received: from globalnet.hn ([206.48.106.74]) by copan.globalnet.hn
          (post.office MTA v1.9.3b ID# 0-13636) with SMTP id AAD185
          for <aprssig@tapr.org>; Sat, 21 Sep 1996 23:16:02 -0600
X-Sender: r_denis@globalnet.hn
X-Mailer: Windows Eudora Version 1.4.5
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 21 Sep 1996 23:07:33 -0600
To: aprssig@tapr.org
From: r_denis@globalnet.hn (Ricardo Denis)
Subject: Re: [APRSSIG:4604] Baja, Mex, & CentAm maps
Message-ID: <19960922051553015.AAD185@globalnet.hn>

>I've uploaded BajaMaps.zip and .txt to
>tapr.org:/tapr/SIG/aprssig/files/upload
>
>This file contains Maplist.MX and maps from San Diego to the Panama Canal,
>most at the 256 mile scale. They were created to support Rick, KN6KB, on his
>upcoming trip from San Francisco to Miami via the canal, and any other APRS
>/MM operations in that area.
>
>Countries covered include: Mexico (Pacific coast), Honduras, El Salvador,
>Nicaragua, Costa Rica, Belize, and Panama.
>
>These maps were created from 1:2,000,000 scale aeronautical Jet Navigation
>Charts (JNC), and concentrate primarily on the Pacific coastal areas. Some
>Caribbean coverage from the canal up to the Yucatan is also included. The
>JNCs are Lambert Conformal type projections, so some errors will exist but
>I've have tried to minimize them.
>
>Using pkunzip -dn will put the new MAPLIST.MX and the maps in their proper
>directories.
>
>73, Ken, W7KKE
>kswaggart@aol.com
>

Ken,

I tried to download the file but I get an error message. I live in San Pedro
Sula, Honduras (on the Atlantic side) and *had* been thinking of making an
APRS map of the country. Of course, now I don't have to (and thanks, by the
way!) but, I already had taken several GPS readings around HR land (cities,

villages, node and bbs locations etc.) and if they would be useful at all I can e-mail them to you so you can add them.

When is Rick comming down this way? I can give him (or you for that matter) several 2m Digi routes so we could see each other.

Thanks again for your work!

73 de Rick, HR2KOS

From dseaburg@web-access.net Sun Sep 22 02:03:06 1996
Received: from austin.aus.sig.net (root@austin.aus.sig.net [199.1.78.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA21434 for <aprssig@tapr.org>; Sun, 22 Sep 1996 02:03:03 -0500 (CDT)
Received: from seab486dx4 (ppp135.web-access.net [205.241.59.135]) by austin.aus.sig.net (8.7.5/8.7.3) with SMTP id CAA24921 for <aprssig@tapr.org>; Sun, 22 Sep 1996 02:02:29 -0500 (CDT)
Message-ID: <3244E4CE.4856@web-access.net>
Date: Sun, 22 Sep 1996 02:03:42 -0500
From: Dale Seaburg <dseaburg@web-access.net>
X-Mailer: Mozilla 3.0b8Gold (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4977] Re: HELP - APRS / GPS-45 & KPC-3
References: <19960921.224208.4231.0.KC7LSP@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevan J Coleman wrote:
>
> On Sat, 21 Sep 1996 20:34:04 -0500 (CDT) Bob Bruninga
> <bruninga@nadn.navy.mil> writes:
>
> >> SYSTEM: IBM Thinkpad 760, Garmin GPS-45, Kantronics KPC-3, APRS 7.7b,
> "Y" harness (GPS-45 to Comp. >> Serial Port to KPC-3 Parallel Port).
>
> >APRSdos REPLY/COMMENT: There is no such thing as a "Y" cable. It must
> be an HSP switch or a push button >switch or a dual port PC. Sorry...
>
> Bob, what is an HSP switch?
> If it's a small chip or a few discrete components that automagically
> suspends throughput from the computer to the TNC when the GPS is sending
> data, I understand. I would like to know what the "HSP" stands for in
> any event.
>
snip....

Didn't mean to butt in, Bob, but because I noticed the question, and knew the answer, so I thought I'd provide the answer to Kevan. HSP stands for Hardware Single Port. If you have a copy of APRS, look in the docs: GPS.txt file, Kevan. Bob not only explains the HSP, but shows a schematic of the same. If you don't have a copy, obtain one from the tapr ftp site: ftp://ftp.tapr.org/tapr/SIG/aprssig/files/upload/

Look for the latest aprsnn.zip file. Currently: aprs77b.zip

Hope this helps.

Dale. KG5LT
dseaburg@web-access.net

From tivey@kuentos.guam.net Sun Sep 22 04:54:53 1996
Received: from saba.kuentos.guam.net (root@saba.kuentos.guam.net [198.81.233.14])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id EAA24212 for <aprssig@tapr.org>; Sun,
22 Sep 1996 04:54:51 -0500 (CDT)
Received: from lizard by saba.kuentos.guam.net with smtp
     (Smail3.1.29.1 #9) id m0v4lFN-002F3YC; Sun, 22 Sep 96 19:54 GST
Message-Id: <m0v4lFN-002F3YC@saba.kuentos.guam.net>
X-Sender: tivey@kuentos.guam.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 19:54:47 +1000
To: aprssig@tapr.org
From: Ron Tivey <tivey@kuentos.guam.net>
Subject: REGISTRATION CHANGE

Bob Bruninga/WB4APR

Sir,
   I recently sent a request and check to register my APRS74 program with
you. I also asked for an updated version of the program. I am now running
APRS75C and no longer require the updated version, but I do need to register
my ICOM GP-22 GPS that I use with an AEA PK-12. Please do not send me an
upgrded APRS program, but instead, send GPS registration number. Thank you
for your time.

                              Ron Tivey/ N4GFO
                              tivey@kuentos.guam.net

From dwittich@concentric.net Sun Sep 22 08:17:50 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA27360 for <aprssig@tapr.org>; Sun, 22
Sep 1996 08:17:48 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id JAA02900; Sun, 22 Sep 1996 09:16:56 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <dwittich@concentric.net>
Received: from witticd.USFG.COM (cnc041035.concentric.net [206.173.33.35])
     by cliff.cris.com (8.7.5)
     id JAA00719; Sun, 22 Sep 1996 09:17:44 -0400 (EDT)
Message-Id: <1.5.4.32.19960922131743.00665c20@pop3.concentric.net>
X-Sender: dwittich@pop3.concentric.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 09:17:43 -0400
To: aprssig@tapr.org
From: Doug Wittich <dwittich@concentric.net>
Subject: Re: [APRSSIG:4963] DFjr Foxhunt

At 01:50 AM 9/21/96 -0500, you wrote:
>Well had another foxhunt tonight using the DFjr. There was a group of 8
>or 9 hunting groups, besides myself there was one other person using a

I very much like to do the hunting too. What exactly is a DFJr, and where
does one acquire one?

Thanks

Doug

From dwittich@concentric.net Sun Sep 22 08:26:12 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA27550 for <aprssig@tapr.org>; Sun, 22
Sep 1996 08:26:10 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id JAA03538; Sun, 22 Sep 1996 09:25:18 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <dwittich@concentric.net>
Received: from witticd.USFG.COM (cnc041035.concentric.net [206.173.33.35])
     by cliff.cris.com (8.7.5)
     id JAA01454; Sun, 22 Sep 1996 09:26:07 -0400 (EDT)
Message-Id: <1.5.4.32.19960922132605.006b7398@pop3.concentric.net>
X-Sender: dwittich@pop3.concentric.net
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 09:26:05 -0400
To: aprssig@tapr.org
From: Doug Wittich <dwittich@concentric.net>
Subject: Re: [APRSSIG:4975] Re: DFjr: Good

At 12:15 AM 9/22/96 -0500, kc5ejk@onramp.net (Robert Winingham) wrote:

> WEB: http://home.navisoft.com/agrelo/ae.htm
>Designer & Manufacturer of intelligent microprocessor
>   based Doppler, talking products and RF.
>   Experts in Microchip & Motorola processors

Thanks, that answers my question.

From rwf@mindspring.com Sun Sep 22 09:11:34 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA28722 for <aprssig@tapr.org>; Sun, 22

Sep 1996 09:11:30 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id KAA15556 for <aprssig@tapr.org>;
Sun, 22 Sep 1996 10:11:29 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id KAA15682 for
<aprssig@tapr.org>; Sun, 22 Sep 1996 10:11:28 -0400
Message-Id: <2.2.32.19960922141500.006fdfb4@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 10:15:00 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Sunday Balloon flight on JavAPRS (Atlanta)

A bit of short notice, but Bill Brown WB8ELK (the Elk Man) is launching a
balloon from Huntsville AL any moment now.
So far, it hasn't gone up, per its APRS beacon. Call sign is KE4ROC-11
Wanted to remind folks that you may see this on the JavAPRS site here in
Atlanta.
I am writing this at 10:09 AM EDT

http://www.radio.org/~wa4dsy is the site, I think

From rwf@mindspring.com Sun Sep 22 09:15:03 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA28809 for <aprssig@tapr.org>; Sun, 22
Sep 1996 09:15:02 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id KAA15841 for <aprssig@tapr.org>;
Sun, 22 Sep 1996 10:15:01 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id KAA16226 for
<aprssig@tapr.org>; Sun, 22 Sep 1996 10:15:00 -0400
Message-Id: <2.2.32.19960922141832.006c636c@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 10:18:32 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Sorry- Bad URL Balloon/Java

Correct one is:

http://wa4dsy-3.wa4dsy.radio.org/Xaprs/soeast.html

From rwf@mindspring.com Sun Sep 22 09:21:38 1996

Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA29010 for <aprssig@tapr.org>; Sun,
22 Sep 1996 09:21:36 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.7.5/8.7.3) with ESMTP id KAA12865 for
<aprssig@tapr.org>; Sun, 22 Sep 1996 10:21:35 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id KAA17282 for
<aprssig@tapr.org>; Sun, 22 Sep 1996 10:21:33 -0400
Message-Id: <2.2.32.19960922142506.006c8d8c@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 10:25:06 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Sorry- again   Good Grief!

I was looking at the JavAPRS console and seeing the data from the balloon
fine, but it looks like the Application doesn't know what to do with it,
cause it isn't showing up on the map.   Anyway- you can at least see the
raw data as it comes into the TNC by clicking Options Sho Java Console on
Netscape.   Sorry gang

From kc7lsp@juno.com Sun Sep 22 10:53:56 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA01870 for <aprssig@tapr.org>; Sun, 22
Sep 1996 10:53:54 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail)
     id LAB08680; Sun, 22 Sep 1996 11:53:49 EDT
To: aprssig@tapr.org
Subject: Re: HELP - APRS / GPS-45 & KPC-3
Message-ID: <19960922.085055.4495.1.KC7LSP@juno.com>
References: <3244E4CE.4856@web-access.net>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-3,5-12
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Sun, 22 Sep 1996 11:53:49 EDT

>HSP stands for Hardware Single Port.
>If you have a copy of APRS, look inthe docs: GPS.txt file, Kevan.
>Bob not only explains the HSP, but shows a schematic of the same

Thanks, I'll do that. I personally do not have a GPS so I never got to
that text file.

73, Kevan

Postal   : 313 Cedar Court - Winlock, WA 98596-9777
Packet : KC7LSP@WA7SJN.#WWA.WA.USA.NOAM

Cruise Missile Coordinates :   4631.17N/12255.10W

From N2ZRC@gnn.com Sun Sep 22 10:55:53 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA01956 for
<aprssig@tapr.org>; Sun, 22 Sep 1996 10:55:52 -0500 (CDT)
Received: from 12-97.client.gnn.com. (12-97.client.gnn.com [205.188.12.97]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id LAA26671 for
<aprssig@tapr.org>; Sun, 22 Sep 1996 11:55:17 -0400 (EDT)
Message-Id: <199609221555.LAA26671@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 11:54:22
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: WA2JNF-4 Back Online

Hi All,

     I'm sure all of us in the "northeast corridor" are pleased
to see that WA2JNF-4 (Brooklyn NY) is back on the air after a
week or so of repair. It seems the lightning storm we had de-
cided to have a close encounter with the tower on which the
digi is located and a relay got slagged.

     In response, N2ZRC WIDE-RELAY has been rescinded by me and
you can now see my cute little yagi atop the apartment house.
(hmmm, hey Bob ... not everybody lives in a hospital, school or
single-family dwelling ... how's about giving us some high-rise
big-city-type dwellings? 8-{)>   73

               Arte Booten <N2ZRC@gnn.com>
 (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
  [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

From rbost@itexas.net Sun Sep 22 12:05:25 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA03680 for <aprssig@tapr.org>; Sun, 22
Sep 1996 12:05:24 -0500 (CDT)
Received: from rbost.itexas.net ([207.22.198.68]) by mailhost.itexas.net
          (post.office MTA v2.0 0813 ID# 0-12497) with ESMTP id AAA84
          for <aprssig@tapr.org>; Sun, 22 Sep 1996 12:07:08 -0500
From: rbost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4977] Re: HELP - APRS / GPS-45 & KPC-3
Date: Sun, 22 Sep 1996 12:04:33 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19960922170707457.AAA84@rbost.itexas.net>

Here is a wiring diagram that was on the sig around Nov-Dec of last year that makes a "y" cable for the Garmin-45, KPC-3 and a laptop. It has no switching, so whatever problems that may create you would have to deal with!

9 PIN		25 PIN	
1	to	8	
2	to	3	+ Brown wire from GPS-45 power/data cable
3	to	2	+ White wire from GPS-45 power/data cable
4	to	20	
5	to	7	+ Black wire from GPS-45 power/data cable
6	to	6	
7	to	4	
8	to	5	
9	to	22	

Also, the mod on page 96 of the KPC-3 manual will supply power to the GPS-45 through pin 25! Makes a nice installation.

Roy Bost, N5TAM
Granbury, Tx.
rbost@itexas.net
32 25' 33"N   97 48' 59"W

From bruninga@nadn.navy.mil Sun Sep 22 12:26:04 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA04139 for <aprssig@tapr.org>; Sun, 22 Sep 1996 12:26:03 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id NAA27733 for <aprssig@tapr.org>; Sun, 22 Sep 1996 13:31:05 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Sep 1996 13:31:04 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: HF APRS Transceiver for $199
Message-ID: <Pine.GSO.3.95.960922132117.27630A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am still convinced that a 50 watt black box stick-it-under-the-seat HF Xtal controlled 10.151 packet transceiver can be built for well under $199. Ten tec seemed interested but still say there is no market.

Anyone want to investigate? There are lots and lots of QRP kits available and there have been articles for 20 and 50 watt two and 3 transistor PA's.

A great contribution to HF APRS could be made by someone researching these articles and kits and finding what is the best combinatation for APRS HF packet Mobile. I will NOT go buy a $1300 HF mobile rig to do APRS. Its just too big a toy at risk in my car. But 50 watts or even 10 watts is worth putting under the seat or in the trunk if we can do it for under $199.

     If you dont believe 10 watts is worth doing, replay XMAS93.HST included in all versions of APRS. That is a track history *as-received-in Maryland* of my trip to alabama using only 10 watts and a mag mount HF whip on the roof of my car! It was a solid track (except when I switched to VHF through Chatanooga and Huntsville...

I am ready to buy a XTAL HF Xmtr for 10.151 but need to know what is best.

We need experience on direct conversion receivers for use with packet too.

If you have any experience in these areas, please consider taking on the project. If you wanna make a comercial product, BE MY GUEST! Ill buy one!

 Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From aa7ya@juno.com Sun Sep 22 12:32:14 1996
Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA04274 for <aprssig@tapr.org>; Sun, 22 Sep 1996 12:32:12 -0500 (CDT)
From: aa7ya@juno.com
Received: (from aa7ya@juno.com) by x3.boston.juno.com (queuemail)
     id NAA28326; Sun, 22 Sep 1996 13:31:17 EDT
To: aprssig@tapr.org
Subject: Re: HELP - APRS / GPS-45 & KPC-3
Message-ID: <19960922.112845.5359.2.aa7ya@juno.com>
References: <19960921.224208.4231.0.KC7LSP@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-30
Date: Sun, 22 Sep 1996 13:31:17 EDT

On Sun, 22 Sep 1996 00:47:41 -0500 (CDT) kc7lsp@juno.com (Kevan J Coleman) writes:

>On Sat, 21 Sep 1996 20:34:04 -0500 (CDT) Bob Bruninga
><bruninga@nadn.navy.mil> writes:
>
>>> SYSTEM: IBM Thinkpad 760, Garmin GPS-45, Kantronics KPC-3, APRS
>7.7b,
>"Y" harness (GPS-45 to Comp. >> Serial Port to KPC-3 Parallel Port).
>
>>APRSdos REPLY/COMMENT: There is no such thing as a "Y" cable. It

There is a "Y" cable, but that is only used in cases where you want to

connect stereo audio jacks to a mono jack, hence the "Y". It is also
used in the broadcast radio industry to route a single audio signal
in two different directions, as an example, a radio talk show out
over the air live, and fed to another radio station or satellite, live.

Also, I have a KAM PLUS, and I use it on both VHF and HF
simultaneously, and it has a RS232 connector going to the PC, and
about half way down the cable, it goes in 2 directions for the mic
connections, one way to the VHF radio, the other to the HF radio,
and it looks like a "Y".... Though, this is not what the discussion
involved (mic cables), I thought that I would make note of the fact
that there is such a thing as a "Y" cable. There might be another
name for it, but calling it "Y-cable" is easier to picture.

>>SNIP<<

73 - Stacey, AA7YA
        aa7ya@juno.com

From bruninga@nadn.navy.mil Sun Sep 22 12:39:14 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA04547 for <aprssig@tapr.org>; Sun, 22
Sep 1996 12:39:12 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id NAA27819 for <aprssig@tapr.org>; Sun, 22 Sep 1996
13:44:14 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Sep 1996 13:44:14 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4974] Re: DFjr: Good or Bad?
In-Reply-To: <2.2.16.19960921235551.37eff658@mailhost.infi.net>
Message-ID: <Pine.GSO.3.95.960922134305.27630E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 21 Sep 1996, Jim Conrad wrote:

> I have heard alot about the DFjr and the MicEncoder. Can someone tell me
> where I can get additional specs/info and purchase info.

APRSdos REPLY/COMMENT: Welcome to Norfolk!!! Read about DF in DF.txt and
about the MicEncoder in VOX-APRS.txt. Both files in the APRS README
directory found in eery copy of APRS...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sun Sep 22 12:43:02 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA04612 for <aprssig@tapr.org>; Sun, 22
Sep 1996 12:42:45 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id NAA27851 for <aprssig@tapr.org>; Sun, 22 Sep 1996
13:47:23 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Sep 1996 13:47:23 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: HSP switch
In-Reply-To: <19960921.224208.4231.0.KC7LSP@juno.com>
Message-ID: <Pine.GSO.3.95.960922134511.27630F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Sep 1996, Kevan J Coleman wrote:

> Bob, what is an HSP switch?
> If it's a small chip or a few discrete components that automagically
> suspends throughput from the computer to the TNC when the GPS is sending
> data, I understand. I would like to know what the "HSP" stands for in
> any event.

APRSdos REPLY/COMMENT: Hardware Single Port Switch. It is 2 transistors
and a few diodes and resistors. It lets APRS switch between the GPS and
TNC by raising and lowering the laptop DTR line... Or just use a SPDT
pushbutton switch to do the same thing manually whenever you need a fresh
Posit on your map.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sun Sep 22 12:59:08 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA04957 for <aprssig@tapr.org>; Sun, 22
Sep 1996 12:59:07 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id OAA27968 for <aprssig@tapr.org>; Sun, 22 Sep 1996
14:04:08 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Sep 1996 14:04:08 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4988] Re: HELP - APRS / GPS-45 & KPC-3
In-Reply-To: <19960922170707457.AAA84@rbost.itexas.net>
Message-ID: <Pine.GSO.3.95.960922140206.27630I-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Sep 1996, Roy Bost wrote:

> Here is a wiring diagram that was on the sig around Nov-Dec of last year
> that makes a "y" cable for the Garmin-45, KPC-3 and a laptop. It has no

> switching, so whatever problems that may create you would have to deal
> with!

APRSdos REPLY/COMMENT: What he means to say is that this Y cable cannot
be used with both the GPS and a TNC at the same time!!!!!!!! Yes, it is a
Y cable. Just dont plug the GPS and TNC in at the same time, hi hi..
So it is NOT an HSP switch and it is NOT going to let you operate APRS and
GPS and TNC at the same time. But ifyou add a simple Push Button switch
on the RXD going into the PC, then you CAN.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sun Sep 22 13:37:38 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA06103 for <aprssig@tapr.org>; Sun, 22
Sep 1996 13:33:17 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id OAA28164 for <aprssig@tapr.org>; Sun, 22 Sep 1996
14:19:39 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Sep 1996 14:19:39 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: NEC/Ultralite 286F LapTop Gamble
Message-ID: <Pine.GSO.3.95.960922141246.27630J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

At VA beach, I had to buy something. A shady looking character had a
typical pile of junk including 4 laptops. He wanted $75 each and
claimed he did not know if they were good or not, but I suspected that he
certainly would have tested them before bringing them so they must
certainly have been bad.   Only 1 had a P.S. and it did work, but it was
a dual floppy system. I chose the 286 with a clearly bad LCD
display (looked like a termite got behind the glass). Just charged the
battery and it looks great! (except for the termite area...)

I have no PC nor info on the 4 pin power connector. Anyone out there have
info on this NEC/Ultralite 286F black laptop? It will replace my old big
Zenith in the car...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From foga@foothill.net Sun Sep 22 14:04:07 1996
Received: from ns1.foothill.net (ns1.foothill.net [206.170.175.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA06783 for <aprssig@tapr.org>; Sun, 22 Sep 1996
14:04:06 -0500 (CDT)
Received: from yosemite-d33.foothill.net (yosemite-d33.foothill.net
[207.104.160.33]) by ns1.foothill.net (8.6.9/8.6.12) with SMTP id MAA03545 for

<aprssig@tapr.org>; Sun, 22 Sep 1996 12:18:11 -0700
Date: Sun, 22 Sep 1996 12:18:11 -0700
Message-Id: <199609221918.MAA03545@ns1.foothill.net>
X-Sender: foga@foothill.net (Unverified)
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: foga@foothill.net (DAN FOGARD)
Subject: re aprtrak ..again

GOT TRACKS WORKING ON SAME MACHINE OK USING LOCAL DAYLIGHT TIME....MADE A DISK
USING ZULU TIME OFFSET -8.......MOVED IT TO A 8088 MACHINE AND TRACKS ARE OFF....
MOVED IT BACK TO 486 WHICH USES LOCAL TIME AND DISK IS STILL IN ZULU TIME......TRACKS ARE OK AS LONG AS I STAY ON THE SAME MACHINE.....WHEN I MOVE TO THE 8088 WITH THE DISK
THINGS CHANGE AND TRACKS ARE INCORRECT ON 8088......? BOB SAYS WATCHOUT WHEN CHANGING BETWEEN DAYLIGHT AND ZULU TIME ....MAYBE THAT IS MY PROBLEM
TRIED ALL COMBOS AND STILL
THE 8088 HAS THE WRONG TRACKS 486 HAS GOOD TRACKS FROM EITHER DR A: OR DR C: AND DR A:
IS USING ZULU TIME AND DR C: IS USING LOCAL DAYLIGHT.......PUZZLE ANY ONE HAVE ANY MORE IDEAS?

DAN W6PRL

From wa8inz@cris.com Sun Sep 22 14:19:23 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA07166 for <aprssig@tapr.org>; Sun, 22 Sep 1996 14:19:21 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id PAA14785; Sun, 22 Sep 1996 15:18:28 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80198.concentric.net [206.83.64.98])
     by cliff.cris.com (8.7.5)
     id PAA23296; Sun, 22 Sep 1996 15:19:18 -0400 (EDT)
Message-ID: <3245AD40.33EF@cris.com>
Date: Sun, 22 Sep 1996 14:18:56 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4981] Re: DFjr Foxhunt
References: <1.5.4.32.19960922131743.00665c20@pop3.concentric.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug Wittich wrote:
>
> At 01:50 AM 9/21/96 -0500, you wrote:
> >Well had another foxhunt tonight using the DFjr. There was a group of 8
> >or 9 hunting groups, besides myself there was one other person using a
>
> I very much like to do the hunting too. What exactly is a DFJr, and where
> does one acquire one?
>
> Thanks
>
> Doug

The best way i think right now is to go to my wepage below and you will find a
link to Agrelo Engineering Home page that will fill you in on the whole unit.
I don't have the direct URL right now.
--

                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com

    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From wa8inz@cris.com Sun Sep 22 14:32:23 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA07367 for <aprssig@tapr.org>; Sun, 22
Sep 1996 14:32:22 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id PAA16442; Sun, 22 Sep 1996 15:31:31 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80198.concentric.net [206.83.64.98])
     by cliff.cris.com (8.7.5)
     id PAA25228; Sun, 22 Sep 1996 15:32:18 -0400 (EDT)
Message-ID: <3245B04D.43BC@cris.com>
Date: Sun, 22 Sep 1996 14:31:57 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Huntsville Balloon
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well the Huntsville balloon launch finally took place after a very

lenghty delay due to several problems. One was that twice when ready to launch the parachute fell off (Yes it did). Then there was a bigger problem when the balloon hit the ground enough to vreate a 8 inch hole in the side, when that was repaired using good old ducktape from Wal-Mart and added some more helium to make up for the loss it was ready to go at around 11:30am, well that's what everyone was thinking Hi. When it was finally launched and went NE it got hung up on a telephone cable that was about 25 feet of the ground. With some quick thinking (I think) someone got a hook and broke the payload loose from the wire. Finally we had liftoff (Yes it realy did this time). It went SSE from Huntsville and i finally lost the position beacon when it was nearing Atlanta (Actually between Atlanta and the Alabama state line. Seen N4NEQ-9 place a object on the map there. Not an un-eventfull day!. By the way last altitude beacon i seen it was only at 32K feet.
--

```
                    \////
                    (0 0)
               *--o0-(_)-0o--*
               wa8inz@amsat.org
               wa8inz@cris.com
```

    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From kc7lsp@juno.com Sun Sep 22 16:15:47 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA09851 for <aprssig@tapr.org>; Sun, 22 Sep 1996 16:15:44 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail) id RAA07547; Sun, 22 Sep 1996 17:15:38 EDT
To: aprssig@tapr.org
Subject: Re: HELP - APRS / GPS-45 & KPC-3
Message-ID: <19960922.141244.4495.0.KC7LSP@juno.com>
References: <19960922170707457.AAA84@rbost.itexas.net>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-2,4-6,8-10
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Sun, 22 Sep 1996 17:15:38 EDT

On Sun, 22 Sep 1996 12:13:03 -0500 (CDT) rbost@itexas.net (Roy Bost) writes:

>Here is a wiring diagram that was on the sig around Nov-Dec of last year that makes a "y" cable for the >Garmin-45, KPC-3 and a laptop.

Roy,
   TNX for the post. I've added it to my text collection for future reference.

73, Kevan

From JohnLGaf@gnn.com Sun Sep 22 17:25:26 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA11669 for
<aprssig@tapr.org>; Sun, 22 Sep 1996 17:25:24 -0500 (CDT)
Received: from 65-74.client.gnn.com. (65-74.client.gnn.com [205.188.65.74]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id SAA31380 for
<aprssig@tapr.org>; Sun, 22 Sep 1996 18:24:51 -0400 (EDT)
Message-Id: <199609222224.SAA31380@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 17:24:56
From: JohnLGaf@gnn.com (John L. Gafford)
To: aprssig@tapr.org
Subject: MIM Board & GPS20

I have a MIM board tied to a Garmin 20 with the Oct-95 QST Patch
antenna attached. With a "str" = GP??? in the MIM I get $GPGSV
statements with up to 8 satellites, and data on three or four.
When I set "str" to GPRMC I get a fix statement that looks like:
<call> 221122 ,162438,V,,,,,,,220996,,/GPS FIX. I suspect that I
am getting satellites, but without sufficient signal strength to
get a fix. Anyone with any ideas? Would a Trimble active GPS
antenna work on the Garmin, and would it help get a fix? HELP,
please. John, N5XAK...

From cjcavanagh@msn.com Sun Sep 22 18:53:31 1996
Received: from upsmot01.msn.com (upsmot01.msn.com [204.95.110.78]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA13906 for <aprssig@tapr.org>; Sun, 22 Sep 1996
18:53:28 -0500 (CDT)
Received: from upmajb06 ([204.95.110.89]) by upsmot01.msn.com (8.6.8.1/
Configuration 4) with SMTP id QAA15969 for <aprssig@tapr.org>; Sun, 22 Sep 1996
16:46:22 -0700
Date: Sun, 22 Sep 96 23:47:22 UT
From: "Carolyn Cavanagh" <cjcavanagh@msn.com>
Message-Id: <UPMAIL02.199609222352150902@msn.com>
To: aprssig@tapr.org
Subject: RE: [APRSSIG:4970] VA Beach Hamfest

Just got back myselff from Virginia Beach Hamvention where I got to meet Bob
in the flesh. He's taller than he seems on this SIG.

  Excellent 1 hour explanation and demostration of APRS. Bob even got a
better spot in the program than Gordon West! There is no truth to the rumor
that he bribed Many for the slot.

  Bob did fumble a bit trying to bring up .hst files for the neat VGA
projection screen. The lesson I guess is to prepare by putting good stuff in
a special subdirectory...../snakeoil/.....???

      Great dog and pony show Bob.   Hope you get some converts in Norfolk or
Richmond.

73 Jack
cjcavanagh@msn.com

From jagrelo@concentric.net Sun Sep 22 20:07:06 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA15335 for <aprssig@tapr.org>; Sun, 22 Sep 1996 20:07:04 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id VAA06605; Sun, 22 Sep 1996 21:05:28 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@concentric.net>
Received: from crc3.pop3.net (cnc059041.concentric.net [206.83.77.41])
     by cliff.cris.com (8.7.5)
     id VAA22371; Sun, 22 Sep 1996 21:06:14 -0400 (EDT)
Message-ID: <32460DD4.2892@concentric.net>
Date: Sun, 22 Sep 1996 21:11:00 -0700
From: Joe Agrelo <jagrelo@concentric.net>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4989] HF APRS Transceiver for $199
References: <Pine.GSO.3.95.960922132117.27630A-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>
> I am still convinced that a 50 watt black box stick-it-under-the-seat HF
> Xtal controlled 10.151 packet transceiver can be built for well under
> $199. Ten tec seemed interested but still say there is no market.
>
> Anyone want to investigate? There are lots and lots of QRP kits available
> and there have been articles for 20 and 50 watt two and 3 transistor PA's.
> A great contribution to HF APRS could be made by someone researching these
> articles and kits and finding what is the best combinatation for APRS HF
> packet Mobile. I will NOT go buy a $1300 HF mobile rig to do APRS. Its
> just too big a toy at risk in my car. But 50 watts or even 10 watts is
> worth putting under the seat or in the trunk if we can do it for under
> $199.
>
>   If you dont believe 10 watts is worth doing, replay XMAS93.HST
> included in all versions of APRS. That is a track history *as-received-in
> Maryland* of my trip to alabama using only 10 watts and a mag mount HF
> whip on the roof of my car! It was a solid track (except when I switched
> to VHF through Chatanooga and Huntsville...
>
> I am ready to buy a XTAL HF Xmtr for 10.151 but need to know what is best.
>
> We need experience on direct conversion receivers for use with packet too.
>

> If you have any experience in these areas, please consider taking on the
> project. If you wanna make a comercial product, BE MY GUEST! Ill buy
> one!
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

I though about it, but I have to agree with Ten Tec. Their really needs to be
some commercial applications to justify it.

73 De Joe N2OOC (new address & phone effective 8/15)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            Agrelo Engineering
         Joe Agrelo/President
    P.O.Box 231 Pattersonville, NY 12137 USA
           ph (518)864-7551 effective 8/15
          fax (518)864-7553 "   "
     mailto:Jagrelo@cris.com
  WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
     based Doppler, talking products and RF.
   Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From clark@tomcat.gsfc.nasa.gov Sun Sep 22 21:06:51 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA16924 for <aprssig@tapr.org>; Sun, 22
Sep 1996 21:06:49 -0500 (CDT)
From: clark@tomcat.gsfc.nasa.gov
Received: by tomcat.gsfc.nasa.gov (920411 (KA9Q+W3IWI))
     id AA107001 ; Mon, 23 Sep 96 01:57:26 UTC
Date: Mon, 23 Sep 96 01:57:26 UTC
Message-Id: <107002@tomcat.gsfc.nasa.gov>
To: aprssig@tapr.org
Cc: aprssig@tapr.org
Subject: Re: [APRSSIG:4999] MIM Board & GPS20
In-Reply-To: your message of Sun, 22 Sep 1996 17:29:27 -0500 (CDT).
             <199609222224.SAA31380@mail-e2b-service.gnn.com>

John -- in the GSV message for each satellite you are tracking is
also reported tehe SNR. Numbers like 40-50 are good. My "Totally Accurate
Clock" (TAC) "SHOWTIME " software includes a barchart SNR plot in realtime
to help you see what is happening (the bars for the Garmoiin have 20 subtracted
from the reported values) as a function of azimuth & elevation. All my TAC
stuff is at URL

  ftp://aleph.gsfc.nasa.gov/GPS/totally.accurate.clock/

To use SHOWTIME, you will have to add one wire from the GPS-20 to the PC
so that the computer gets the 1PPS signal on the DCD line; see the PostScript
schematic in the file emulate.zip for details.

The latest SHOWTIME code is in the /distribution directory; see the readme

file for instructions on how to make an installable distribution disk.

73 de Tom, W3IWI

From jclakeland@ucdavis.edu Sun Sep 22 21:06:57 1996
Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA16944 for <aprssig@tapr.org>; Sun, 22
Sep 1996 21:06:56 -0500 (CDT)
Received: from DialupEudora by franc.ucdavis.edu (8.7.5/UCD3.5.8)
     id TAA15684; Sun, 22 Sep 1996 19:06:51 -0700 (PDT)
Message-Id: <199609230206.TAA15684@franc.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 19:08:30 -0800
To: aprssig@tapr.org
From: jclakeland@ucdavis.edu (John Lakeland)
Subject: unproto

Ladies and Gentlemen,
    I can appreciate that hard limits on unproto paths would not be
desirable. Unfortunately there doesn't seem to be any definitive text on
how the system works and how and why to set one's path. This is important
in a system such as APRS which is enjoying substantial success and gaining
new users every day. If one of you who have been in this for long enough to
know how it all works were to publish such a document, then at least nobody
would have to be screwing up out of ignorance. I have really made an effort
to find this information and if it exists, it's at least not very easy to
find.

Regards John Lakeland kc6vlr

From clark@tomcat.gsfc.nasa.gov Sun Sep 22 21:09:14 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA17020 for <aprssig@tapr.org>; Sun, 22
Sep 1996 21:09:13 -0500 (CDT)
From: clark@tomcat.gsfc.nasa.gov
Received: by tomcat.gsfc.nasa.gov (920411 (KA9Q+W3IWI))
     id AA107007 ; Mon, 23 Sep 96 02:04:51 UTC
Date: Mon, 23 Sep 96 02:04:51 UTC
Message-Id: <107008@tomcat.gsfc.nasa.gov>
To: aprssig@tapr.org
Cc: aprssig@tapr.org
Subject: Re: [APRSSIG:4999] MIM Board & GPS20
In-Reply-To: your message of Sun, 22 Sep 1996 17:29:27 -0500 (CDT).
             <199609222224.SAA31380@mail-e2b-service.gnn.com>

And, by the way, the Trimble antenna works fine.

If I ever find time to wrtiite it up, I have a nice preamplified 2-turn
helix antenna that is easy to build and has onyly $5-10 in parts.

73 again, Tom

From bruninga@nadn.navy.mil Sun Sep 22 21:58:40 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA22531 for <aprssig@tapr.org>; Sun, 22
Sep 1996 21:58:38 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id XAA06218 for <aprssig@tapr.org>; Sun, 22 Sep 1996
23:03:40 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Sep 1996 23:03:40 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4995] re aprtrak ..again
In-Reply-To: <199609221918.MAA03545@ns1.foothill.net>
Message-ID: <Pine.GSO.3.95.960922230049.5978E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Sep 1996, DAN FOGARD wrote:

> GOT TRACKS WORKING ON SAME MACHINE OK USING LOCAL DAYLIGHT
> TIME....MADE A DISK
> USING ZULU TIME OFFSET -8.......MOVED IT TO A 8088 MACHINE AND TRACKS ARE
> OFF....
> MOVED IT BACK TO 486 WHICH USES LOCAL TIME AND DISK IS STILL IN ZULU
> TIME......TRACKS ARE OK AS LONG AS I STAY ON THE SAME MACHINE.....WHEN I

APRSdos REPLY/COMMENT: APRtrak stores your CONFIG file in the ROOT
directory of your CURRENT drive. So when you make a "disk" from the
C drive and copy it onto the 8088, then the CONFIG file is NOT getting
copied over. If you are running APRtrak on the 8088 from the A drive,
then the CONFIG file will be saved on the A drive...

In other words, you gotta save a CONFG file on the machine you are using
after you get all the clocks and Time zones correct...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sun Sep 22 22:09:56 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA23923 for <aprssig@tapr.org>; Sun, 22
Sep 1996 22:09:54 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id XAA06346 for <aprssig@tapr.org>; Sun, 22 Sep 1996
23:14:46 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Sep 1996 23:14:46 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org

Subject: Re: [APRSSIG:5000] RE: VA Beach Hamfest
In-Reply-To: <UPMAIL02.199609222352150902@msn.com>
Message-ID: <Pine.GSO.3.95.960922231111.5978J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Sep 1996, Jack Cavanagh wrote:

> Just got back mysellf from Virginia Beach Hamvention where I got to meet Bob
> in the flesh. He's taller than he seems on this SIG.... Great dog and
> pony show Bob.   Hope you get some converts in Norfolk or Richmond.
> 73 Jack,   cjcavanagh@msn.com

APRSdos REPLY/COMMENT: THere I was in a dark room talking about how now
you can get maps down to street level anywhere for the $32 CD rom. Didnt
even know that Jack was in the room till after. Jack had as much to do
with the current popularity of APRS as I have. He wrote the MAKEMAP1 and
MK100K programs!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sun Sep 22 22:13:05 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA23989 for <aprssig@tapr.org>; Sun, 22
Sep 1996 22:13:03 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id XAA06377 for <aprssig@tapr.org>; Sun, 22 Sep 1996
23:18:05 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Sep 1996 23:18:05 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5003] unproto
In-Reply-To: <199609230206.TAA15684@franc.ucdavis.edu>
Message-ID: <Pine.GSO.3.95.960922231557.5978K-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Sep 1996, John Lakeland wrote:

> ... Unfortunately there doesn't seem to be any definitive text on
> how the system works and how and why to set one's path.
> ... If one of you who have been in this for long enough to
> know how it all works were to publish such a document, then at least nobody
> would have to be screwing up out of ignorance.

APRSdos REPLY/COMMENT: It should be in OPS.txt. If not, then I should
put it there!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sun Sep 22 22:16:48 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA24113 for <aprssig@tapr.org>; Sun, 22
Sep 1996 22:16:45 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id XAA06403 for <aprssig@tapr.org>; Sun, 22 Sep 1996
23:21:48 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 22 Sep 1996 23:21:48 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5004] Re: MIM Board & GPS20
In-Reply-To: <107008@tomcat.gsfc.nasa.gov>
Message-ID: <Pine.GSO.3.95.960922232101.5978M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Sep 1996 clark@tomcat.gsfc.nasa.gov wrote:

> If I ever find time to wrtiite it up, I have a nice preamplified 2-turn
> helix antenna that is easy to build and has onyly $5-10 in parts.

APRSdos REPLY/COMMENT: Wasnt sure if you knew that your Backspace is
not working right in your messages, hi hi.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From rbost@itexas.net Sun Sep 22 22:43:57 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA26758 for <aprssig@tapr.org>; Sun, 22
Sep 1996 22:43:55 -0500 (CDT)
Received: from rbost.itexas.net ([207.22.198.61]) by mailhost.itexas.net
          (post.office MTA v2.0 0813 ID# 0-12497) with ESMTP id AAA120
          for <aprssig@tapr.org>; Sun, 22 Sep 1996 22:45:36 -0500
From: rbost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5003] unproto
Date: Sun, 22 Sep 1996 22:43:01 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19960923034535200.AAA120@rbost.itexas.net>

Well said!!! I second the motion.

Roy Bost, N5TAM
Granbury, Tx.

rbost@itexas.net
32 25' 33"N   97 48' 59"W

From rwf@mindspring.com Sun Sep 22 22:44:31 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA26786 for <aprssig@tapr.org>; Sun, 22 Sep 1996 22:44:29 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id XAA18797 for <aprssig@tapr.org>; Sun, 22 Sep 1996 23:44:28 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id XAA03912 for <aprssig@tapr.org>; Sun, 22 Sep 1996 23:44:27 -0400
Message-Id: <2.2.32.19960923034800.007023c8@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 23:48:00 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Huntsville Balloon details

Balloon landed in a Kudzu patch behind the home of a sweet elderly lady, Ms Swafford of Dallas GA.

We used a kit-built Directional Systems Doppler DF (for info email ka4iia@radio.org) on the hunt and to to locate the house it was behind and then used a 4 element beam with an attenuator to close in on it. When 50 ft away, we heard the piezo sounders.

APRS was extremely useful, and plotted the first half of the flight well. However due to garbled TNC data during the last hour of the flight, we only got 2 valid digi-able reports. I'll post a history file on TAPR as soon as I clean it up.

N4NEQ (Ralph Fowler- rwf) was copying the garbled data manually and deciphered the last few position locations, the last of which was very close to the actual landing site. Even after we had located the package, the TNC continued sending garbled data with positions all over the map. All of a sudden it did send a garbled packet with the correct position.   Because the garbled packets were not digi-able, all deciphered-received positions were entered manually into APRS for others to see. A WIDE,WIDE,WIDE path was used temporarily during this time to ensure that all possible distant stations got the word that we had recovered the balloon.

The Huntsville foxhunting team arrived about 2 hours after we retrieved the package. They had a long 4-5 hour drive each way! Bless them!

Atlanta Team members were:

Ralph Fowler, N4NEQ rwf
Eddie Foust, WD4JEM

Steve, KD4GVP
Tom Armour, KE4WIO
Ted, WB4CAB
Avery Davis, WB4RTP
Kip Turner, W4KIP
and Brandi, the balloon sniffing Rat Terrier puppy ! (who had stowed away in Ralph's van)

KC4ELV and KD4ICT helped out with some remote bearings.

It was fun!!!

Ralph Fowler, N4NEQ , S.E.R.A. ATV Technical Advisor Atlanta, GA USA

Internet Email: rwf@mindspring.com Pager Email: 7647836@skytel.com
2 way pager: 1 (800) 764-7836
http://www.mindspring.com/~rwf for APRS, ATV, Balloon, and Ham info
My hobby is tracking Vehicles and other things using Ham Radio and APRS.
Ask me how!

From paulc@cyclades.com Sun Sep 22 23:09:40 1996
Received: from MediaCity.com (root@easy1.mediacity.com [205.216.172.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA27720 for <aprssig@tapr.org>; Sun, 22 Sep 1996 23:09:38 -0500 (CDT)
Received: from moe (easyfm.mediacity.com [205.216.172.145]) by MediaCity.com (8.6.11/8.6.9) with SMTP id VAA25451 for <aprssig@tapr.org>; Sun, 22 Sep 1996 21:05:56 -0700
Sender: paul@MediaCity.com
Message-ID: <32460C1B.40F87AC9@cyclades.com>
Date: Sun, 22 Sep 1996 21:03:39 -0700
From: "Paul Christenson [N3EOP]" <paulc@cyclades.com>
Organization: Cyclades Corporation
X-Mailer: Mozilla 3.0Gold (X11; I; Linux 2.0.19 i586)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5001] Re: HF APRS Transceiver for $199
References: <32460DD4.2892@concentric.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joe Agrelo wrote:
>
> Bob Bruninga wrote:

>> I am still convinced that a 50 watt black box stick-it-under-the-seat
>> HF Xtal controlled 10.151 packet transceiver can be built for well
>> under $199. Ten tec seemed interested but still say there is no
>> market.

> I though about it, but I have to agree with Ten Tec. Their really
> needs to be some commercial applications to justify it.

Has anyone asked Ramsey or MFJ? This is right up their alley, and they
are small enough that they don't have to sell a million units to cover
development costs.

--

         +---+
         | Technical Support Engineer, Cyclades Corporation |
         | 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
         | Maker of High Performance Multiport Serial Cards |
         | Unsolicited mail ads subject to a $25 handling fee |
         +---+

From ronald@cyberstreet.com Sun Sep 22 23:15:19 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA27780 for <aprssig@tapr.org>; Sun, 22
Sep 1996 23:15:18 -0500 (CDT)
Received: from ronald.cyberstreet.com ([207.30.55.46])
          by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)
          with SMTP id AAA150 for <aprssig@tapr.org>;
          Mon, 23 Sep 1996 00:18:55 -0400
Message-Id: <2.2.32.19960923041457.006a84c0@mail.cyberstreet.com>
X-Sender: ronald@mail.cyberstreet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 23 Sep 1996 00:14:57 -0400
To: aprssig@tapr.org
From: Ronald Oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSIG:5003] unproto

At 09:20 PM 9/22/96 -0500, you wrote:
>Ladies and Gentlemen,
>   I can appreciate that hard limits on unproto paths would not be
>desirable. Unfortunately there doesn't seem to be any definitive text on
>how the system works and how and why to set one's path. This is important
>in a system such as APRS which is enjoying substantial success and gaining
>new users every day. If one of you who have been in this for long enough to
>know how it all works were to publish such a document, then at least nobody
>would have to be screwing up out of ignorance. I have really made an effort
>to find this information and if it exists, it's at least not very easy to
>find.
>
>Regards John Lakeland kc6vlr
>
>Somebody say Amen!!!!!!!
 Regards Ron SWFL kd4ams
>
73 cu Ron"KD4AMS"

From kc5ejk@onramp.net Sun Sep 22 23:38:26 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA28402 for <aprssig@tapr.org>; Sun, 22 Sep 1996 23:38:25 -0500 (CDT)
Received: from [199.1.11.104] (dal04.onramp.net [199.1.11.104]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id XAA05309 for <aprssig@tapr.org>; Sun, 22 Sep 1996 23:38:21 -0500 (CDT)
Message-Id: <v02140b00ae6bcefe3ea9@[199.1.11.125]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 22 Sep 1996 23:39:02 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:4999] MIM Board & GPS20

>I have a MIM board tied to a Garmin 20 with the Oct-95 QST Patch
>antenna attached. With a "str" = GP??? in the MIM I get $GPGSV
>statements with up to 8 satellites, and data on three or four.
>When I set "str" to GPRMC I get a fix statement that looks like:
><call> 221122 ,162438,V,,,,,,,220996,,/GPS FIX. I suspect that I
>am getting satellites, but without sufficient signal strength to
>get a fix. Anyone with any ideas? Would a Trimble active GPS
>antenna work on the Garmin, and would it help get a fix? HELP,
>please. John, N5XAK...

Well John this sure looks like your message of Sept 15 called
[APRSSIG:4755] Garmin 20 and MIN Board.

Use Bob's SIGPLOT DOS basic program to track what the unit is sending
and the progress of the fix locking in. The plot will also tell
you if you are getting a good signal.

Patch Ant works better for sats overhead and down to say 45 degs.

Some said to use a stiff 5.2 volts power supply and also to
take the unit outside for a few hours.

I got a lock in the window using a Garmin-45 Ant after 45 Mins.

SIGPLOT on www.tapr.org and may have been part of complete aprs pkg.

IF a MAC user then run a MACaprs version less then 2.6.0 and watch
the GPS/NMEA sky chart window #9 ; Don't use version 2.6.0 as
the GPS sky chart is missing. The chart look a bit like the Garmin
GPS display but with better resolution.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From faunt@netcom.com Mon Sep 23 00:14:05 1996
Received: from netcom4.netcom.com (faunt@netcom4.netcom.com [192.100.81.107]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA03559 for <aprssig@tapr.org>; Mon, 23
Sep 1996 00:14:03 -0500 (CDT)
Received: (from faunt@localhost) by netcom4.netcom.com (8.6.13/Netcom)
     id WAA16799; Sun, 22 Sep 1996 22:14:02 -0700
Date: Sun, 22 Sep 1996 22:14:02 -0700
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Message-Id: <199609230514.WAA16799@netcom4.netcom.com>
To: aprssig@tapr.org
Subject: Paccomm web page or email address

Could someone send me either or both of these?
I have three Paccomm TNCs that I want to use for APRS.
One's got a GPS RX in it already.
73, doug

From ke4htm@bluenet.net Mon Sep 23 02:57:30 1996
Received: from prophet.bluenet.net (prophet.bluenet.net [205.244.98.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id CAA09553 for <aprssig@tapr.org>; Mon, 23
Sep 1996 02:57:29 -0500 (CDT)
Received: from ke4htm.bluenet.net by prophet.bluenet.net via SMTP
(940816.SGI.8.6.9/940406.SGI)
     for <aprssig@tapr.org> id DAA07941; Mon, 23 Sep 1996 03:43:25 -0700
Message-Id: <2.2.32.19960923075727.0068be6c@bluenet.net>
X-Sender: ke4htm@bluenet.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 23 Sep 1996 03:57:27 -0400
To: aprssig@tapr.org
From: "Jamie R. Dean" <ke4htm@bluenet.net>
Subject: The Western North Carolina APRS Web Site

I've been busy the past few days getting the site in order. I promise if you
come by you will not be disappointed. Even if your not in NC come by and
check out the files and links. (Note: be sure to reload on each visit so
much new stuff being added daily)

http://www.bluenet.net/ke4htm

If you have any suggestions please e-mail me. I'm always looking for more
ideas on how to get more hams interested in APRS.

73,
Jamie - KE4HTM

+--+
| Jamie R. Dean |
| Amateur Radio Call: KE4HTM |
| Internet E-Mail...: ke4htm@bluenet.net |
| AX.25 E-Mail......: ke4htm@kd4om.#hky1.nc.us.noam |

| APRS Page.....: http://www.bluenet.net/ke4htm |
+---+

From kjm@deltanet.com Mon Sep 23 03:38:16 1996
Received: from mail1.deltanet.com (mail.deltanet.com [199.171.190.55]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA10335 for <aprssig@tapr.org>; Mon, 23 Sep 1996 03:38:14 -0500 (CDT)
Received: from kjm-tjm (delta1.deltanet.com [199.171.190.3]) by mail1.deltanet.com (8.7.4/8.7.3) with ESMTP id BAA06135 for <aprssig@tapr.org>; Mon, 23 Sep 1996 01:38:09 -0700 (PDT)
Message-Id: <199609230838.BAA06135@mail1.deltanet.com>
From: "Ken Mirabella" <kjm@deltanet.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5014] Paccomm web page or email address
Date: Mon, 23 Sep 1996 01:35:22 -0700
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

It's not really too difficult:

http://www.paccomm.com/

73, KM6YH

> From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:5014] Paccomm web page or email address
> Date: Sunday, September 22, 1996 10:30 PM
>
> Could someone send me either or both of these?
> I have three Paccomm TNCs that I want to use for APRS.
> One's got a GPS RX in it already.
> 73, doug
>

From dwetzel@slkc.uswest.net Mon Sep 23 07:24:09 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA14370 for <aprssig@tapr.org>; Mon, 23 Sep 1996 07:24:07 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup69.slkc.uswest.net [206.81.132.39]) by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id GAA02451 for <aprssig@tapr.org>; Mon, 23 Sep 1996 06:24:03 -0600
Message-ID: <3246815E.2002@slkc.uswest.net>
Date: Mon, 23 Sep 1996 06:23:58 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5011] Re: HF APRS Transceiver for $199
References: <32460C1B.40F87AC9@cyclades.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Christenson [N3EOP] wrote:
>
> Joe Agrelo wrote:
> >
> > Bob Bruninga wrote:
>
> >> I am still convinced that a 50 watt black box stick-it-under-the-seat
> >> HF Xtal controlled 10.151 packet transceiver can be built for well
> >> under $199. Ten tec seemed interested but still say there is no
> >> market.

MFJ makes a 20 mtr qrp ssb transceiver that sells for around $230. It would be perfect for this if they could do a 30 m version, or if the 20 meter net ever becomes reality. The other qrp rigs are mostly cw only and would require some kind of direct fsk mods (have to modify the tnc, too) to work.

Doug
KC7CO

From wa8inz@cris.com Mon Sep 23 07:46:17 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA14770 for <aprssig@tapr.org>; Mon, 23 Sep 1996 07:46:15 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id IAA15410; Mon, 23 Sep 1996 08:45:24 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc800199.concentric.net [206.173.109.199])
     by cliff.cris.com (8.7.5)
     id IAA12582; Mon, 23 Sep 1996 08:46:12 -0400 (EDT)
Message-ID: <3246A29C.9BC@cris.com>
Date: Mon, 23 Sep 1996 07:45:48 -0700
From: William Nolle <wa8inz@cris.com>

Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5003] unproto
References: <199609230206.TAA15684@franc.ucdavis.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Lakeland wrote:
>
> Ladies and Gentlemen,
>   I can appreciate that hard limits on unproto paths would not be
> desirable. Unfortunately there doesn't seem to be any definitive text on
> how the system works and how and why to set one's path. This is important
> in a system such as APRS which is enjoying substantial success and gaining
> new users every day. If one of you who have been in this for long enough to
> know how it all works were to publish such a document, then at least nobody
> would have to be screwing up out of ignorance. I have really made an effort
> to find this information and if it exists, it's at least not very easy to
> find.
>
> Regards John Lakeland kc6vlr

You are so right John, and don't feel bad i have been at this for more then 3 years and i don't fully understand it either. A good example that there should be clear documentation available is last night i seen a group of mostly new users within a 10 mile radius of a good digi keyboarding with each other all night long, most all of them where using path's of 2 digi calls then 2 wides added 1 even had relay added to the path. And this i believe is only because of the lack of clear documentation on how this works and why, and what it does if you use them in a way you shouldn't. But i asked this question a few years back and was told to read the documentation. I hate to say it but there are those users that are truly informed as to how all this works, but forget they had to learn somewhere also Hi. I would love to add a page to my webpage on this subject!.
--

                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From wa8inz@cris.com Mon Sep 23 07:49:54 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA14985 for <aprssig@tapr.org>; Mon, 23 Sep 1996 07:49:52 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id IAA15642; Mon, 23 Sep 1996 08:48:59 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc800199.concentric.net [206.173.109.199])
     by cliff.cris.com (8.7.5)
     id IAA12960; Mon, 23 Sep 1996 08:49:47 -0400 (EDT)
Message-ID: <3246A374.3A2C@cris.com>
Date: Mon, 23 Sep 1996 07:49:24 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5009] Re: unproto
References: <19960923034535200.AAA120@rbost.itexas.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roy Bost wrote:
>
> Well said!!! I second the motion.
>
> Roy Bost, N5TAM
> Granbury, Tx.
> rbost@itexas.net
> 32 25' 33"N   97 48' 59"W

And I also, but i already have seen a message (It's in the doc's) just
like i said they would Hi.
--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From wa8inz@cris.com Mon Sep 23 07:55:27 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA15181 for <aprssig@tapr.org>; Mon, 23
Sep 1996 07:55:26 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id IAA16173; Mon, 23 Sep 1996 08:54:35 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>

Received: from LOCALNAME (cnc800199.concentric.net [206.173.109.199])
     by cliff.cris.com (8.7.5)
     id IAA13544; Mon, 23 Sep 1996 08:55:24 -0400 (EDT)
Message-ID: <3246A4C4.13E1@cris.com>
Date: Mon, 23 Sep 1996 07:55:00 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5014] Paccomm web page or email address
References: <199609230514.WAA16799@netcom4.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug Faunt N6TQS +1-510-655-8604 wrote:
>
> Could someone send me either or both of these?
> I have three Paccomm TNCs that I want to use for APRS.
> One's got a GPS RX in it already.
> 73, doug

Doug my webpage has a link to paccomm.
--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From John.Klingelhoeffer@comsat.com Mon Sep 23 08:23:59 1996
Received: from kato.cws.comsat.com (root@kato.cws.comsat.com [134.133.176.105]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA15934 for <aprssig@tapr.org>; Mon, 23
Sep 1996 08:23:56 -0500 (CDT)
From: John.Klingelhoeffer@comsat.com
Received: from smtpgw.cws.comsat.com (misnt1.cws.comsat.com [134.133.176.130]) by
kato.cws.comsat.com (8.7.5/8.7.3) with SMTP id JAA02713 for <aprssig@tapr.org>;
Mon, 23 Sep 1996 09:21:37 -0400 (EDT)
Received: from ccMail by smtpgw.cws.comsat.com
  (IMA Internet Exchange 2.02 Enterprise) id 2468F730; Mon, 23 Sep 96 09:24:03
-0400
Mime-Version: 1.0
Date: Mon, 23 Sep 1996 09:06:11 -0400
Message-ID: <2468F730.1957@comsat.com>
Subject: Re: [APRSSIG:5011] Re: HF APRS Transceiver for $199
To: aprssig@tapr.org
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

As Bob B. knows, I looked into doing this about 18-20 months ago after he and I discussed it at some length (we live only about 15 miles apart). At that time, I had a preliminary design and had even purchased parts for 2-3 prototypes. (At that time, the power output discussed was 10 watts - I'm not sure how it jumped up to 50 W).

They did not get built due to "other priorities", but the thing that stopped me from thinking about going much further is that I would have had to had the receiver tested in order to meet FCC part 15. That would have been $1500 to $2000 to a testing house. It is somewhat incredible that one can produce an HF transmitter and sell it without testing, but anything with a receiver (in this frequency range) in it gets tagged with this "barrier to market entry" fee. Obviously, this fee has to be spread out and covered in the price of the product.

In any case, I think Bob's price of $199 IS realistic (for a single channel, single band unit with 10 watts output). However, there needs to be an *amateur* market of more than 20-30 people to make it worthwhile. If the market could generate maybe 500 unit demand, then it would be a reasonable thing to proceed with. (note: I used to work for Heathkit, so I am pretty familiar with pricing this sort of unit for the amateur market).

Somewhere I had a set of specs for the prototype that I was working on. Perhaps I will post them on the net, here, and see what comments I might get. If you'd like to discuss this subject with me, please send a message directly to me at the address below. I am off to London today for a couple of days, and will have the APRSSig turned off to keep my mailbox from getting jammed.

John...
WB4LNM

John.Klingelhoeffer@comsat.com
_____ Reply Separator _____
Subject: [APRSSIG:5011] Re: HF APRS Transceiver for $199
Author: aprssig@tapr.org at INTERNET
Date: 22/09/96 11:26 PM

Joe Agrelo wrote:
>
> Bob Bruninga wrote:

>> I am still convinced that a 50 watt black box stick-it-under-the-seat
>> HF Xtal controlled 10.151 packet transceiver can be built for well
>> under $199. Ten tec seemed interested but still say there is no
>> market.

> I though about it, but I have to agree with Ten Tec. Their really
> needs to be some commercial applications to justify it.

Has anyone asked Ramsey or MFJ? This is right up their alley, and they
are small enough that they don't have to sell a million units to cover
development costs.

--

         +---+
         | Technical Support Engineer, Cyclades Corporation |
         | 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
         | Maker of High Performance Multiport Serial Cards |
         | Unsolicited mail ads subject to a $25 handling fee |
         +---+

From z004391b@bcfreenet.seflin.lib.fl.us Mon Sep 23 09:01:23 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA16996 for
<aprssig@tapr.org>; Mon, 23 Sep 1996 09:01:22 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id KAA18943; Mon, 23 Sep 1996 10:00:33 -0400
Date: Mon, 23 Sep 1996 10:00:32 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:4953] Re: PicoPacket & MacAPRS
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <19960920.163751.4495.1.KC7LSP@juno.com>
Message-ID: <Pine.3.89.9609230943.A11922-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If the TNC somehow got into 'transparant' mode then a simple control 'c'
won't work. Look into the book to see how to get back out of transparant
mode.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Fri, 20 Sep 1996, Kevan J Coleman wrote:

> On Fri, 20 Sep 1996 15:20:37 -0500 (CDT) jm1@webspan.net (Jay Millard)
> writes:
>
> >Can't get the TNC out of converse mode...aarghh.
> Jay, I don't know if I'm wasting bandspace here or not since I do not
> have a Pico Packet, but on AEA TNC's a good old fashioned "CONTROL-C"
> will put one back into COMMAND mode.
>

From z004391b@bcfreenet.seflin.lib.fl.us Mon Sep 23 09:22:29 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA17648 for
<aprssig@tapr.org>; Mon, 23 Sep 1996 09:22:27 -0500 (CDT)

Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id KAA28230; Mon, 23 Sep 1996 10:21:49 -0400
Date: Mon, 23 Sep 1996 10:21:49 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:4972] Re: HELP - APRS / GPS-45 & KPC-3
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <Pine.GSO.3.95.960921212348.19921F-100000@arctic>
Message-ID: <Pine.3.89.9609231012.B11922-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There really is a 'Y' cable. Seymour, KC4NMY, came up with the idea of connecting a Kantronics KPC3 with GPS rom to a TNC (input only, of course) and the output of the TNC to the computer. That means that the computer will not be able to send data to the TNC (the gps can only do that) but the TNC can send data to the computer.

If the TNC is in GPS mode it can't be controlled by the computer, but it does receive data from the radio and passes it to the computer. That allows APRS to work (listen only mode) and the GPS/TNC connection sends out it's Tracker style position reports.

In order for you to see yourself on the APRS screen you depend on listening to your own digipeated packets.

He has also modified the 'Y' cable and put a SPST switch in so that the computer can occasionally 'talk' to the TNC. This is much like the 'Y' switch described in the APRS docs, but the switch center (common) is to the TNC and not to the computer.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sat, 21 Sep 1996, Bob Bruninga wrote:

> On Fri, 20 Sep 1996, Alan K. Unangst wrote:
>
> > Here is the problem, getting GPS data to run thru APRS, into a KPC-3 and be
> > transmitted.
> >
> > SYSTEM: IBM Thinkpad 760, Garmin GPS-45, Kantronics KPC-3, APRS 7.7b, "Y"
> > harness (GPS-45 to Comp. Serial Port to KPC-3 Parallel Port).
>
> APRSdos REPLY/COMMENT: There is no such thing as a "Y" cable. It must be
> an HSP switch or a push button switch or a dual port PC. Sorry...
>
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>

From kb9nqr@interaccess.com Mon Sep 23 09:55:05 1996
Received: from home.interaccess.com (home.interaccess.com [198.80.0.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA18757 for <aprssig@tapr.org>; Mon, 23
Sep 1996 09:55:03 -0500 (CDT)
Received: from matt (d173.cloud.interaccess.com [207.70.66.173]) by
home.interaccess.com (8.8.Beta.3/8.7.5) with SMTP id JAA29320 for
<aprssig@tapr.org>; Mon, 23 Sep 1996 09:53:51 -0500 (CDT)
Message-Id: <1.5.4.32.19960923145759.0067ec78@interaccess.com>
X-Sender: kb9nqr@interaccess.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 23 Sep 1996 09:57:59 -0500
To: aprssig@tapr.org
From: KB9NQR <kb9nqr@interaccess.com>
Subject: Re: [APRSSIG:5019] Re: unproto

I recently loaded up APRS, read the docs, and turned on my tnc and radio. It
didn't take more than a few hours before there was a message on my pbbs from
the local aprs path police informing me that I was using the wrong path in
the unproto. It was a nice message telling me that I was a newbie and there
was a lot to learn. The person gave me an e-mail address that I could send a
message to. I did and asked some questions about how to properly set up so I
could be a good aprs citizen. Never got a response. I guess this guy is just
to busy pointing out faults, than to give out some good solid direction.
Sure hope you get the info up on a web page. I dont think anyone
intentionally sets out to be a bad operator.

73, Matt

From bruninga@nadn.navy.mil Mon Sep 23 10:22:30 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA19782 for <aprssig@tapr.org>; Mon, 23
Sep 1996 10:22:28 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA08150 for <aprssig@tapr.org>; Mon, 23 Sep 1996
11:27:30 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 23 Sep 1996 11:27:29 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5017] Re: HF APRS Transceiver for $199
In-Reply-To: <3246815E.2002@slkc.uswest.net>
Message-ID: <Pine.GSO.3.95.960923112456.24823L-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Doug Wetzel wrote concerning the search for cheap APRS HF rig:
>
> MFJ makes a 20 mtr qrp ssb transceiver that sells for around $230. It
> would be perfect for this if they could do a 30 m version, or if the 20

> meter net ever becomes reality. The other qrp rigs are mostly cw only
> and would require some kind of direct fsk mods (have to modify the tnc,
> too) to work.

APRSdos REPLY/COMMENT: Mods to CW should be trivial. A varactor across
the XTAL and feed it from modem disconnect header in TNC.. Thanks. Keep
looking... CW rigs are good candidates...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From mpetz@ccm.stlcc.cc.mo.us Mon Sep 23 10:50:27 1996
Received: from ccm.stlcc.cc.mo.us (ccm.stlcc.cc.mo.us [198.209.221.106]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA20637 for <aprssig@tapr.org>; Mon, 23
Sep 1996 10:50:25 -0500 (CDT)
Received: from ccnovix.stlcc.cc.mo.us ([198.209.221.200])
          by ccm.stlcc.cc.mo.us (post.office MTA v1.9.3 ID# 0-13191)
          with SMTP id AAA161 for <aprssig@tapr.org>;
          Mon, 23 Sep 1996 10:49:46 -0500
Message-Id: <2.2.16.19960923110559.26b7bcdc@ccm.stlcc.cc.mo.us>
X-Sender: mpetz@ccm.stlcc.cc.mo.us
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Michael Petz" <mpetz@ccm.stlcc.cc.mo.us>
Subject: Re: [APRSSIG:4971] GPS via fiberglass and SNR?
Date: Mon, 23 Sep 1996 10:49:46 -0500

Or is there metallic paint (if any) over the fiberglass that is attenuating
the signal????
                                Michael
                                KA9HNT

At 08:31 PM 9/21/96 -0500, you wrote:
>On Fri, 20 Sep 1996, Richard Garcia wrote:
>
>> Has anyone tried to attach a GPS antenna inside of these fiberglass bodies
>> (with silicone or such) and see if that worked?
>
>APRSdos REPLY/COMMENT: Today I did that test. Remember that the entire
>roof of the Transport/Lumina/Silouette is plastic, with only a steel shell
>around the edges. I could hold the GPS unit to the roof over my head, and
>get a few satellites, but SEVERAL DB below what I got holding it out the
>window. THis raises a question which TOM CLARK clarified for me and maybe
>he could clarify again.
>
>He says the that Signal-to-noise level reported by the GPS units is not a
>true SNR to thermal noise, but SNR to channel noise level which for one
>satellite means its signal compared to the noise of the receiver AND all
>the noise of the other 7 satellites in view. (did I get that right Tom?)
>
>I notice that when my garmin 45 gets its first 1, 2 or 3 satellites, they

>are FULL strength over the top graph line. But once more satellies get
>locked on, the signals reported for those initial 3 satellites goes
>down... Is this what you are talking about Tom? Or was this just a
>fluke?
>
> Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>

From wa8inz@cris.com Mon Sep 23 10:52:06 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA20669 for <aprssig@tapr.org>; Mon, 23
Sep 1996 10:52:05 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id LAA14002; Mon, 23 Sep 1996 11:51:12 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc803139.concentric.net [206.173.114.139])
     by cliff.cris.com (8.7.5)
     id LAA09081; Mon, 23 Sep 1996 11:52:01 -0400 (EDT)
Message-ID: <3246CE2B.1666@cris.com>
Date: Mon, 23 Sep 1996 10:51:39 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5024] Re: unproto
References: <1.5.4.32.19960923145759.0067ec78@interaccess.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KB9NQR wrote:
>
> I recently loaded up APRS, read the docs, and turned on my tnc and radio. It
> didn't take more than a few hours before there was a message on my pbbs from
> the local aprs path police informing me that I was using the wrong path in
> the unproto. It was a nice message telling me that I was a newbie and there
> was a lot to learn. The person gave me an e-mail address that I could send a
> message to. I did and asked some questions about how to properly set up so I
> could be a good aprs citizen. Never got a response. I guess this guy is just
> to busy pointing out faults, than to give out some good solid direction.
> Sure hope you get the info up on a web page. I dont think anyone
> intentionally sets out to be a bad operator.
>
> 73, Matt

No i'm sure nobody does this intentionlly, and i'm sure you didn't. This is
exactly the reason i started the Mentor page on my website, and there are 36
users that must be in agreement with the idea because they have beem good enough
to ask me to add their names to the list, but i know there are many that always

look for information but when asking them for help they are not there to help. I don't mean for this to be a flame at anyone but i have seen this many times before.

I would like to see Bob Bruninga add a new feature to the software so when a person is chatting (Keyboarding) Locally within 10 or 20 miles of their digi that it would be imposible to have any wides in your unproto path. Like i said last night there where 10 or so users within 10 miles or so of their digi that even i could hit direct from 105 miles away those users had two wides in their path. Not only that but they got hostile when i suggested as new users they should read the OPS.TXT file. On top of all that a NEW 2 week old user was running an HF gate at the same time. So Bob please notice.
--

```
                    \////
                    (0 0)
               *--o0-(_)-0o--*
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz
```


From bruninga@nadn.navy.mil Mon Sep 23 11:10:51 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA21387 for <aprssig@tapr.org>; Mon, 23 Sep 1996 11:10:50 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id MAA15319 for <aprssig@tapr.org>; Mon, 23 Sep 1996 12:15:52 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 23 Sep 1996 12:15:51 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS OPS Manual!
Message-ID: <Pine.GSO.3.95.960923121100.14220A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In regard to recent traffic. I just re-read the OPS.TXT file and everything about routine and special event OPERATIONS is in there.

It address digipeaters, WIDES, GATES, HF and RELAYS... etc

The file is named OPS.TXT beacause OPERATIONS.TXT is not a legal DOS filename. If OPS for some reason is not understood by newcommers, then I would be happy to change the name to something that they would read...

(I did decide to re-sequence some of the paragraphs to put them into a more logical sequence. If there is anything that is NOT addressed in

this OPERATIONS manual, I woul dbe happy to address it...)

From jleonard@tbcnet.com Mon Sep 23 11:17:19 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA21643 for <aprssig@tapr.org>; Mon, 23 Sep 1996 11:17:17 -0500 (CDT)
Received: from PR147.tbcnet.com (PR147.tbcnet.com [207.112.227.47]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id LAA15299 for <aprssig@tapr.org>; Mon, 23 Sep 1996 11:17:18 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR147.tbcnet.com [207.112.227.47] didn't use HELO protocol
Message-Id: <1.5.4.32.19960923161629.0066e88c@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 23 Sep 1996 11:16:29 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Wide/Relay with U-II Wx Sta

Hi,

Maybe somebody can help me. The Kishwaukee Amateur Radio Club has got a Wide/Relay, WA9CJN-15, that they want to use as a U-II WX site with rain gauge.

My assumption was that we had an either/or situation...either we could configure the TNC as a WIDE/RELAY, or as a WX station, which would reset the alias to RELAY each time dosAPRS was started. We're also hoping to keep the APRS-format for xmitted wx so non-aprs stations can read it too, ie., @230928/4155.48N/08845.07W_292/000/T058/R000/P000/U-II(auto)

vs.

#D007200020000

We hate to give up the Wide/Relay green symbol but the WX capability is a high priority, too.

Is there some way we can do both?

Equipment:
Dos APRS v 7.6d Validated for WX
Zenith 8088 computer with 2 serial ports
KPC-3 w/ ver 6 firmware
Alinco DR120T radio
Peet Bros U-II w/ Rain Gauge

Thanks

jbl

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com

From clark@tomcat.gsfc.nasa.gov Mon Sep 23 11:50:44 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA23116 for <aprssig@tapr.org>; Mon, 23 Sep 1996 11:50:40 -0500 (CDT)
Date: Mon, 23 Sep 96 16:22:11 UTC
Message-Id: <107065@tomcat.gsfc.nasa.gov>
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
Reply-To: clark@tomcat.gsfc.nasa.gov
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5026] Re: GPS via fiberglass and SNR?

Fibreglas/Epoxy has a dielectric constant in the 3-4 range. It is lossy at microwave frequencies, which is why you don't use G10 (high quality compared to the stuff they make boats/cars/etc from) in microwave PCBs if you care about performance. I would expect that the fibreglas shell in question is about 1/4" thick, so I'd guess it will have ~6 dB loss at GPS frequencies.

If you want to do an experimental test, take a piece of the material in question and pop it in a microwave oven for ~30 seconds. If it is warm, it has a couple dB loss. If it is hot, it is many dB. FYI, the microwave oven is at ~2450 MHz, GPS is at 1575 MHz. GPS losses will be a bit less, but not by much!

Regarding GPS SNR's, the "N" in SNR is thermal noise plus the total power received from all GPS satellites. In a quiet location with a good antenna, the total of the GPS satellites will add about 3 dB of noise, i.e. double the "good" system temperature. A "good" system temperature from a low-loss antenna with a good preamp is usually in the 200-300K range, so the GPS satellites add ~300K of noise to the system. Although I don't know for sure, the GPS-20's seem to produce SNRs (as seen in the GSV message) in approximate C/No dB referenced to ~1 Hz bandwidth. The biggest S/N I've seen on a GPS-20 is ~50. Since the GPS C/A spreading code is at 1.023 Mb/s we have ~60 dB of spreading gain and the GPS signal at best is about -10 dB below the noise floor (i.e. each GPS signal contributes a few tens degrees Kelvin). Also FYI, the GPS system uses a 1023 bits spreading code, so the absolute best code orthogonality to separate one signal from another results in a < 30 dB Strongest to Weakest dynamic range; more typically for the DSP implementations used in simple receivers (one-bit sampling, throw away the amplitude, resulting in a ~2 dB SNR hit plus other implementation losses plus some nasty statistics), the "real world" dynamic range is more like 22-23 dB.

All these numbers (if you can't bedazzle them with brilliance, at least befuddle them with bulls**t!) are to impress on you that GPS is a weak signal mode and the frequencies are at microwaves! If you want good performance, be ever vigilant of losing anything in SNR! If you are mobile, try to use an external antenna. Make sure that the antenna is amplified so that you don't throw away precious dB in ohmic losses in your coax.

If you want to do another simple experiment, observe the SNR's you are
getting and put your hand over the antenna. Your body will attenuate the
signal (bringing new meaning to the words "dummy load"!) by a few dB.
If your setup has good performance, then you won't lose any satellites.
But if you drop lock, you had better try improving your system if reliabilty
is important to you.

73 de Tom, W3IWI

From clark@tomcat.gsfc.nasa.gov Mon Sep 23 12:01:08 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA23472 for <aprssig@tapr.org>; Mon, 23
Sep 1996 12:01:06 -0500 (CDT)
Date: Mon, 23 Sep 96 16:48:17 UTC
Message-Id: <107078@tomcat.gsfc.nasa.gov>
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
Reply-To: clark@tomcat.gsfc.nasa.gov
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4946] Re: DGPS Tests in Balto/Wash Area

Another update: It looked like the performance was marginal with the
direct paths from the W3IWI-13 not being too great. The Balto/Wash APRS
lan is in shambles, but to try to improve things this morning I added
WB3V-11 as a digi in the unproto path.

The main DGPS beacon "hits" at seconds 11,31,51 UTC (20 second rate). The
main output is about 60 characters long. Every so often (like every 5
minutes) the DGPS beacon has an extra line appended for an additional
"housekeeping" message type. There are about 6 "extra" message types,
and I slowed them down, making their repeat rates related as prime
numbers times the 20 sec basic rate so that they would not step on each other
very often. Also, I had been sending all the data as one single <UI> frame;
this was changed so that each of the messages (when more than one is sent)
is a separate <UI> frame for better flow control.

The other small maintenance fix was to crank the TX audio level down --
IWI-13 sounded very "heavy" compared to other stations on the channel.

I'm still soliciting reports on the IWI-13 DGPS beacon: (a) Are you
copying it either directly or via WB3V-11? (b) If you copy it, does it
drive your GPS receiver OK, and (c) If it is connected to your receiver,
what kind of results improvement do you see?

73, Tom

From kc7lsp@juno.com Mon Sep 23 12:10:41 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA23937 for <aprssig@tapr.org>; Mon, 23
Sep 1996 12:10:39 -0500 (CDT)
Received: (from kc7lsp@juno.com) by x11.boston.juno.com (queuemail)
     id NAB05632; Mon, 23 Sep 1996 13:10:25 EDT

To: aprssig@tapr.org
Subject: KC7LSP - QRT
Message-ID: <19960923.100647.4495.3.KC7LSP@juno.com>
References: <Pine.GSO.3.95.960923121100.14220A-100000@arctic>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0,3-11
From: kc7lsp@juno.com (Kevan J Coleman)
Date: Mon, 23 Sep 1996 13:10:25 EDT

All,
   I've really enjoyed reading this SIG. It's been very educational to say the least. Unfortunantly there are just too many message coming through here for me to keep up with.

73, Kevan

Postal   : 313 Cedar Court - Winlock, WA 98596-9777
Packet : KC7LSP@WA7SJN.#WWA.WA.USA.NOAM

Cruise Missile Coordinates :   4631.17N/12255.10W

From schiers@ames.net Mon Sep 23 12:38:04 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA25093 for <aprssig@tapr.org>; Mon, 23 Sep 1996 12:38:03 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199609231738.MAA25093@tapr.org>
Received: from [206.29.126.237] by ames.net id 64760.wrk; Mon, 23 Sep 1996 12:35:44 -0600
Date: Mon, 23 Sep 96 12:32:59 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5027] Re: unproto
In-Reply-To: <810940@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.14

In <810940@bbs.ames.net>, on 09/23/96 at 12:03 PM,
   aprssig@tapr.org said:

>Locally within 10 or 20 miles of their digi
>that it would be imposible to have any wides in your unproto path.

Making it difficult or cumbersome to put wides in the unproto path is fine with me. Making it locked out by the software itself is short-sighted, as local topography and station density determine how many (if any) wides may suit the local user community and network. We don't need big brother deciding it for us.

This is all too close to the "please save us from ourselves" philosophy that has caused us so much difficulty in the past. User education is the key and peer pressure (persuasion) is the solution to these kinds of problems, not hamstringing the software, which has features that might be abused in some areas, but be essential in others.

Let's not have the cure be worse than the problem it's supposed to solve.

73,

hasan schiers, N0AN--
---
schiers@ames.net

From bruninga@nadn.navy.mil Mon Sep 23 13:48:00 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA27169 for <aprssig@tapr.org>; Mon, 23 Sep 1996 13:47:57 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id OAA11701 for <aprssig@tapr.org>; Mon, 23 Sep 1996 14:53:00 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 23 Sep 1996 14:53:00 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5027] Re: unproto
In-Reply-To: <3246CE2B.1666@cris.com>
Message-ID: <Pine.GSO.3.95.960923145048.6583C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 23 Sep 1996, William Nolle wrote:

> I would like to see Bob add a new feature to the software so when a
> person is Keyboarding Locally within 10 or 20 miles of their digi
> that it would be imposible to have any wides in your unproto path.

APRSdos REPLY/COMMENT: APRS could doubtfully be that smart. How could it know that the person was local? In California you can cover 150 miles in one hop via a mountain top digipeater. In florida, you are lucky to talk 25 miles..

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Mon Sep 23 13:52:02 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA27454 for <aprssig@tapr.org>; Mon, 23 Sep 1996 13:52:00 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id OAA12855 for <aprssig@tapr.org>; Mon, 23 Sep 1996 14:57:04 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 23 Sep 1996 14:57:04 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic

To: aprssig@tapr.org
Subject: Re: [APRSSIG:5029] Wide/Relay with U-II Wx Sta
In-Reply-To: <1.5.4.32.19960923161629.0066e88c@tbcnet.com>
Message-ID: <Pine.GSO.3.95.960923145416.6583D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 23 Sep 1996, John B. Leonard, Jr wrote:

> Maybe somebody can help me. The Kishwaukee Amateur Radio Club has got a
> Wide/Relay, WA9CJN-15, that they want to use as a U-II WX site with rain
> gauge.
>
> My assumption was that we had an either/or situation...either we could
> configure the TNC as a WIDE/RELAY, or as a WX station, which would reset the
> alias to RELAY each time dosAPRS was started.
> We hate to give up the Wide/Relay green symbol but the WX capability is a
> high priority, too.
>
> Is there some way we can do both?

APRSdos REPLY/COMMENT: Forget the PC. A singel DIGI can do it all, but
will not show up green all the time. I would just simply wire TWO TNC's
to the same radio. Let one TNC (with dual aliases for WIDE-RELAY) be
the digi and the second one would be the WX station and PC computer doing
whatever it wanted...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From wa8inz@cris.com Mon Sep 23 14:35:03 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA28718 for <aprssig@tapr.org>; Mon, 23
Sep 1996 14:35:02 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id PAA26988; Mon, 23 Sep 1996 15:34:05 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80445.concentric.net [206.173.119.45])
     by cliff.cris.com (8.7.5)
     id PAA17063; Mon, 23 Sep 1996 15:34:54 -0400 (EDT)
Message-ID: <32470269.6C75@cris.com>
Date: Mon, 23 Sep 1996 14:34:33 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5033] Re: unproto
References: <199609231738.MAA25093@tapr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

schiers@ames.net wrote:
>
> In <810940@bbs.ames.net>, on 09/23/96 at 12:03 PM,
>   aprssig@tapr.org said:
>
> >Locally within 10 or 20 miles of their digi
> >that it would be imposible to have any wides in your unproto path.
>
> Making it difficult or cumbersome to put wides in the unproto path is fine
> with me. Making it locked out by the software itself is short-
> sighted, as local topography and station density determine how many (if
> any) wides may suit the local user community and network. We don't need
> big brother deciding it for us.
>

O Come-On, if you can't hit a digi that's 10 miles away direct then you
should improve your antenna system or not use a rubber ducky for an antenna.

> This is all too close to the "please save us from ourselves" philosophy
> that has caused us so much difficulty in the past. User education is the
> key and peer pressure (persuasion) is the solution to these kinds of
> problems, not hamstringing the software, which has features that might be
> abused in some areas, but be essential in others.
>

The i have another idea (This may even help Bob!. Place a limit on unproto
path's in the unregistered version since all new users run that version!.
Normally you don't see the veteran user use path's like that, But i'm sure
you won't afree with that either (Hopefully you have a registered version)

> Let's not have the cure be worse than the problem it's supposed to solve.
>

I could live with that with no problems at all.

> 73,
>
> hasan schiers, N0AN--
> --
> schiers@ames.net
> --

--

                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

http://www.concentric.net/~wa8inz

From jratchf@bulldog.afsc.k12.ar.us Mon Sep 23 15:33:32 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA01069 for <aprssig@tapr.org>; Mon, 23 Sep 1996
15:33:30 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip5.afsc.k12.ar.us
[170.211.157.179]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id PAA02243
for <aprssig@tapr.org>; Mon, 23 Sep 1996 15:33:31 -0500
Message-Id: <199609232033.PAA02243@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:4723] Re: APRS Mobiles
Date: Mon, 23 Sep 1996 14:27:16 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Makes me want to get the mobile HF going next time I take a long drive.
> There are a lot of APRS dead areas on VHF!
> Memphis TN is an area that is amazingly dead, and so is Missouri, down
I-44.
> Those KC guys need to get crackin down near Rolla.
> , seriously- I am working with a fella on a possible Digi in Rolla.
>
> Ralph
>
>
I'd like to see the Rolla digi going! Went thru there and nothing on APRS
last week.
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* ARRL * ARES EC * RACES * NAARS, Inc. *
* MVFD/EMS FR * CCL #426 *

From wa8inz@cris.com Mon Sep 23 16:34:14 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA02870 for <aprssig@tapr.org>; Mon, 23
Sep 1996 16:34:12 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id RAA23950; Mon, 23 Sep 1996 17:34:05 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc000061.concentric.net [206.173.121.61])
     by cliff.cris.com (8.7.5)
     id RAA09013; Mon, 23 Sep 1996 17:34:05 -0400 (EDT)
Message-ID: <32471E54.6086@cris.com>
Date: Mon, 23 Sep 1996 16:33:40 -0700

From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5034] Re: unproto
References: <Pine.GSO.3.95.960923145048.6583C-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>
> On Mon, 23 Sep 1996, William Nolle wrote:
>
> > I would like to see Bob add a new feature to the software so when a
> > person is Keyboarding Locally within 10 or 20 miles of their digi
> > that it would be imposible to have any wides in your unproto path.
>
> APRSdos REPLY/COMMENT: APRS could doubtfully be that smart. How could it
> know that the person was local? In California you can cover 150 miles in
> one hop via a mountain top digipeater. In florida, you are lucky to talk
> 25 miles..
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

Good point Bob. The only thing right now that i can come up with if all digi
owners use the correct HAAT then it could be anything within that area.
--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
       THANKS TO THOSE MENTOR VOLENTEERS
You can now get to the Logo page from the main menu
      Also check out my WA8INZ Home page.

      http://www.concentric.net/~wa8inz

From byoung@qni.com Mon Sep 23 16:41:37 1996
Received: from qni.com (qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id QAA02980 for <aprssig@tapr.org>; Mon, 23 Sep 1996 16:41:36 -0500 (CDT)
From: byoung@qni.com
Received: from [206.29.114.183] by qni.com (5.x/SMI-SVR4)
     id AA25822; Mon, 23 Sep 1996 16:43:03 -0500
Date: Mon, 23 Sep 1996 16:43:03 -0500
Message-Id: <9609232143.AA25822@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5036] UNPROTO and crippled unregistered software.

To: aprssig@tapr.org
In-Reply-To: <32470269.6C75@cris.com>
X-Mailer: SPRY Mail Version: 04.10.06.22

On Mon, 23 Sep 1996, Hasan Schiers and William Nolle were discussing:
>
>The i have another idea (This may even help Bob!. Place a limit on
>unproto path's in the unregistered version since all new users run
>that version!. Normally you don't see the veteran user use path's
>like that, But i'm sure you won't afree with that either (Hopefully
>you have a registered version) Let's not have the cure be worse than
>the problem it's supposed to solve.
>
>I could live with that with no problems at all.
>

BAD IDEA! I want to give you only two of *MANY* reasons I can see:

#1 When I "sell" APRS to a ham, I want to give him a program that
allows him to see, touch, and try all the possibilities his ticket
permits. This process, probably more than my demonstration, is what
actually gets a person "hooked" on APRS.

#2 I'd rather see Bob's energy and limited time continue to go toward
enhancements (and the infrequent bug fix...). There's an honest limit
to how much he can cram into his code, and I'd rather have bells and
whistles, *NOT* balls and chains!

If you're gonna put restrictions on the package, why not ask Bob to
limit an unregistered user to 30 minutes? No wait, that's not harsh
enough... Why not prevent anybody but an Extra Class ticket from using
the software? Or "better still", why not put a virus in that destroys
the boot-sector on their hard drive if they use the wrong UNPROTO?

Come on guys! I look on each new (or otherwise...) APRS user that's
"doing it wrong" as a real opportunity to mentor and fraternize with a
fellow ham. It's a chance to pass on other operating "tips, tricks,
and traps" that they may not be aware of.

Bill Young
byoung@qni.com
KB0UZQ

From wa8inz@cris.com Mon Sep 23 17:43:41 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA05060 for <aprssig@tapr.org>; Mon, 23
Sep 1996 17:43:40 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id SAA08342; Mon, 23 Sep 1996 18:43:37 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc800205.concentric.net [206.173.109.205])

     by cliff.cris.com (8.7.5)
     id SAA22655; Mon, 23 Sep 1996 18:43:34 -0400 (EDT)
Message-ID: <32472EA0.5399@cris.com>
Date: Mon, 23 Sep 1996 17:43:12 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5039] Re: UNPROTO and crippled unregistered software.
References: <9609232143.AA25822@qni.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

byoung@qni.com wrote:
>
> On Mon, 23 Sep 1996, Hasan Schiers and William Nolle were discussing:
> >
> >The i have another idea (This may even help Bob!. Place a limit on
> >unproto path's in the unregistered version since all new users run
> >that version!. Normally you don't see the veteran user use path's
> >like that, But i'm sure you won't afree with that either (Hopefully
> >you have a registered version) Let's not have the cure be worse than
> >the problem it's supposed to solve.
> >
> >I could live with that with no problems at all.
> >
>
> BAD IDEA! I want to give you only two of *MANY* reasons I can see:
>
> #1 When I "sell" APRS to a ham, I want to give him a program that
> allows him to see, touch, and try all the possibilities his ticket
> permits. This process, probably more than my demonstration, is what
> actually gets a person "hooked" on APRS.
>
> #2 I'd rather see Bob's energy and limited time continue to go toward
> enhancements (and the infrequent bug fix...). There's an honest limit
> to how much he can cram into his code, and I'd rather have bells and
> whistles, *NOT* balls and chains!
>
> If you're gonna put restrictions on the package, why not ask Bob to
> limit an unregistered user to 30 minutes? No wait, that's not harsh
> enough... Why not prevent anybody but an Extra Class ticket from using
> the software? Or "better still", why not put a virus in that destroys
> the boot-sector on their hard drive if they use the wrong UNPROTO?
>
> Come on guys! I look on each new (or otherwise...) APRS user that's
> "doing it wrong" as a real opportunity to mentor and fraternize with a
> fellow ham. It's a chance to pass on other operating "tips, tricks,
> and traps" that they may not be aware of.
>
> Bill Young
> byoung@qni.com

> KB0UZQ

Well i can see your thinking, but at the same time all those users could
be paying for Bob's time by registering the software, i see many that
have run the shareware version for a year and are still not registered is
that what your looking for?.
--

                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
     A BIG HAND FOR THOSE MENTOR VOLUNTEERS

      http://www.concentric.net/~wa8inz

From KD4EMI@aol.com Mon Sep 23 19:21:44 1996
Received: from emout20.mail.aol.com (emout20.mx.aol.com [198.81.11.46]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA07829 for <aprssig@tapr.org>; Mon, 23
Sep 1996 19:21:42 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout20.mail.aol.com (8.6.12/8.6.12) id UAA23999 for
aprssig@tapr.org; Mon, 23 Sep 1996 20:21:09 -0400
Date: Mon, 23 Sep 1996 20:21:09 -0400
Message-ID: <960923202109_291603943@emout20.mail.aol.com>
To: aprssig@tapr.org
Subject: Shirts

All remaining shirts are being picked up and sent tomorrow night.
You should all have your shirts by the end of the week.

I actually broke even !!

I have several XXL shirts that are still available if anyone is interested.

If I get alot more orders I will make another run of them.
73 Mike
KD4EMI@AOL.COM

From glittle@awod.com Mon Sep 23 20:23:24 1996
Received: from sumter.awod.com (awod.com [198.81.225.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA09661 for <aprssig@tapr.org>; Mon, 23 Sep 1996
20:23:22 -0500 (CDT)
Received: from chs0199.awod.com (chs0199.awod.com [206.31.146.199]) by
sumter.awod.com (8.6.12/8.6.12) with SMTP id VAA07467 for <aprssig@tapr.org>; Mon,
23 Sep 1996 21:23:18 -0400
Message-Id: <199609240123.VAA07467@sumter.awod.com>
X-Sender: glittle@awod.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 23 Sep 1996 21:32:32 -0400

To: aprssig@tapr.org
From: Glenn Little <glittle@awod.com>
Subject: Re: [APRSSIG:5011] Re: HF APRS Transceiver for $199

At 11:26 PM 9/22/96 -0500, you wrote:
>Joe Agrelo wrote:
>>
>> Bob Bruninga wrote:
>
>>> I am still convinced that a 50 watt black box stick-it-under-the-seat
>>> HF Xtal controlled 10.151 packet transceiver can be built for well
>>> under $199. Ten tec seemed interested but still say there is no
>>> market.
>
>> I though about it, but I have to agree with Ten Tec. Their really
>> needs to be some commercial applications to justify it.
>
>Has anyone asked Ramsey or MFJ? This is right up their alley, and they
>are small enough that they don't have to sell a million units to cover
>development costs.
>
>--

Why not use a surplus marine transceiver??

These are cheap at hamfests, especially the xtal controlled units.

They cover the freq range needed.
They usually run about 100W.

The last one I bought cost $10.00.

This seems cheap enough. If you cannot fix it if is broke then a
reevaluation of the amateur radio qualifications might be in order.

73
Glenn Little
WB4UIV

From jm1@webspan.net Mon Sep 23 20:52:29 1996
Received: from mail2.webspan.net (mail2.webspan.net [206.154.70.7]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA10387 for <aprssig@tapr.org>; Mon, 23 Sep 1996
20:52:26 -0500 (CDT)
Received: from orion.webspan.net (root@orion.webspan.net [206.154.70.41])
       by mail2.webspan.net (8.7.5/8.7.3) with ESMTP id VAA14249
       for <aprssig@tapr.org>; Mon, 23 Sep 1996 21:51:28 -0400 (EDT)
Received: from [38.10.232.159] (ip159.stamford.ct.interramp.com [38.10.232.159])
          by orion.webspan.net (8.7.5/8.6.12) with SMTP id VAA13010
          for <aprssig@tapr.org>; Mon, 23 Sep 1996 21:52:13 -0400 (EDT)
Message-Id: <v01510101ae6cb64b8c40@[38.10.232.159]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Mon, 23 Sep 1996 21:53:29 +0000
To: aprssig@tapr.org
From: jm1@webspan.net (Jay Millard)
Subject: Re: [APRSSIG:5022] Re: PicoPacket & MacAPRS

Thank you to all those who replied (or were thinking of replying) to my request for help with my PicoPacket. A phone call to PacComm and Bob in service led us to conclude that one of us (the TNC or me) had lost our mind. Since the PicoPacket could not FEDEX me back to my parents, I chose to FEDEX it to its. Hopefully that will result in a brain transplant and a happier ham at this end.

So far so good on the customer service aspect of PacComm, I'll keep y'all posted.

73 de Jay

Jay Millard
Harmill Communications Inc.
** Amateur Radio Station KD1LY **
Darien, Connecticut 06820

From dwetzel@slkc.uswest.net Mon Sep 23 21:04:29 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA10749 for <aprssig@tapr.org>; Mon, 23 Sep 1996 21:04:26 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup72.slkc.uswest.net [206.81.132.42]) by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id UAA08850 for <aprssig@tapr.org>; Mon, 23 Sep 1996 20:04:24 -0600
Message-ID: <324741A0.1270@slkc.uswest.net>
Date: Mon, 23 Sep 1996 20:04:16 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5025] Re: HF APRS Transceiver for $199
References: <Pine.GSO.3.95.960923112456.24823L-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>
> Doug Wetzel wrote concerning the search for cheap APRS HF rig:
> >
> > MFJ makes a 20 mtr qrp ssb transceiver that sells for around $230. It
> > would be perfect for this if they could do a 30 m version, or if the 20
> > meter net ever becomes reality. The other qrp rigs are mostly cw only
> > and would require some kind of direct fsk mods (have to modify the tnc,
> > too) to work.
>
> APRSdos REPLY/COMMENT: Mods to CW should be trivial. A varactor across
> the XTAL and feed it from modem disconnect header in TNC.. Thanks. Keep

> looking... CW rigs are good candidates...
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

They sure are - question is, can inexpensive tncs like the kpc3 clock
the uart output at 300 bps - and it doesn't have a disconnect header
(although one COULD resort to a chip clip and leave the cover off...:-(

KC7CO

From bruninga@nadn.navy.mil Mon Sep 23 21:31:30 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA11550 for <aprssig@tapr.org>; Mon, 23
Sep 1996 21:31:28 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id WAA11597; Mon, 23 Sep 1996 22:36:27 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 23 Sep 1996 22:36:27 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
cc: aprssig@tapr.org
Subject: APRS Message HOT keys
In-Reply-To: <199609232102.QAA02845@bulldog.afsc.k12.ar.us>
Message-ID: <Pine.GSO.3.95.960923222951.11446A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On 23 Sep 1996, J. Scott Ratchford, KC5JGV wrote about high speed ops:

> there were a few that wanted to "keyboard". That's ok if your stopped but
> not at 70 mph! SO, the idea hit, is there a way of adding "programmable"
> function keys to the program? Programmable, meaning, user changable
> keystrokes. Like, "Funnel Clound Sighted at _____" or "Hello from KC5JGV
> APRS mobile!" or anything else such a series of commands.

APRSdos REPLY/COMMENT: Its all in there. Read HELP.txt about sending
messages. You can duplicate a previous message to a new station by
hitting F2 for "reply" and then the number key of the existing message
you want to send to this new person. THen hit ENTER... 3 Keys...

You can even pre-load several such mesasges by sending them to MSG1,
MSG2 and so forth. They will NOT be transmitted to MSGx... but are
available then for copying with the 3 strokes above...

VERY HANDY for MOBILES! You should be able to come up with a half dozen
generic responses that will cover most of the needed replies while you
are on the road..

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From paulc@cyclades.com Mon Sep 23 22:55:00 1996
Received: from MediaCity.com (root@easy1.mediacity.com [205.216.172.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA14039 for <aprssig@tapr.org>; Mon, 23 Sep 1996 22:54:57 -0500 (CDT)
Received: from moe (easyfm.mediacity.com [205.216.172.145]) by MediaCity.com (8.6.11/8.6.9) with SMTP id UAA00480 for <aprssig@tapr.org>; Mon, 23 Sep 1996 20:51:21 -0700
Sender: paul@MediaCity.com
Message-ID: <324756EA.24D52BC9@cyclades.com>
Date: Mon, 23 Sep 1996 20:35:06 -0700
From: "Paul Christenson [N3EOP]" <paulc@cyclades.com>
Organization: Cyclades Corporation
X-Mailer: Mozilla 3.0Gold (X11; I; Linux 2.0.19 i586)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5017] Re: HF APRS Transceiver for $199
References: <3246815E.2002@slkc.uswest.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug Wetzel wrote:

> The other qrp rigs are mostly cw only and would require some kind of
> direct fsk mods (have to modify the tnc, too) to work.

The modification to the transmitter is relatively minor. (No mod is needed for the receiver.) Typically, all that is needed is to switch a capacitor across the VFO cap.

The line needed from the TNC should be already available on the modem disconenct header. (Sorry, KPC-3 users...)

It's definitely not a task for appliance ops, but someone should be able to come up with a decent "Heathkit" modification for something like the MFJ 30m CW rig.

I'd give it a shot, but the resulting rig would be useless to me with my license... <G> Someone should check with MFJ; their rig may already have the proper connection and/or instructions for the mod.

--

+---+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| Maker of High Performance Multiport Serial Cards |
| Unsolicited mail ads subject to a $25 handling fee |
+---+

From paulc@cyclades.com Tue Sep 24 01:34:37 1996
Received: from MediaCity.com (root@easy1.mediacity.com [205.216.172.10]) by

tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA23956 for <aprssig@tapr.org>; Tue, 24 Sep 1996 01:34:34 -0500 (CDT)
Received: from moe (easyfm.mediacity.com [205.216.172.145]) by MediaCity.com (8.6.11/8.6.9) with SMTP id XAA07952 for <aprssig@tapr.org>; Mon, 23 Sep 1996 23:30:58 -0700
Sender: paul@MediaCity.com
Message-ID: <32475E45.587A3B59@cyclades.com>
Date: Mon, 23 Sep 1996 21:06:29 -0700
From: "Paul Christenson [N3EOP]" <paulc@cyclades.com>
Organization: Cyclades Corporation
X-Mailer: Mozilla 3.0Gold (X11; I; Linux 2.0.19 i586)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5023] Re: HELP - APRS / GPS-45 & KPC-3
References: <Pine.3.89.9609231012.B11922-0100000@bcfreenet.seflin.lib.fl.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone investigated using the diode matrix used to "stack" TNCs?
This seems to be the answer to the "Y cable" problem.. cheap, easy to
find parts, and the schematic is readily available.

--

```
         +-----------------------------------------------------+
         | Technical Support Engineer, Cyclades Corporation    |
         | 800/88-CYCLADES (882-9252) or (510)770-9727, x258   |
         | Maker of High Performance Multiport Serial Cards    |
         | Unsolicited mail ads subject to a $25 handling fee  |
         +-----------------------------------------------------+
```


From kheyboer@pinegov.co.pinellas.fl.us Tue Sep 24 06:23:02 1996
Received: from pinegov ([136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA27868 for <aprssig@tapr.org>; Tue, 24 Sep 1996 06:21:44 -0500 (CDT)
Received: from none.gte.net by pinegov (SMI-8.6/SMI-SVR4)
    id CAA18613; Tue, 24 Sep 1996 02:19:24 -0400
Message-ID: <3247C446.2B8D@co.pinellas.fl.us>
Date: Tue, 24 Sep 1996 07:21:42 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
Reply-To: kheyboer@co.pinelllas.fl.us
Organization: Pinelllas SKYWARN Coordinator
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5029] Wide/Relay with U-II Wx Sta
References: <1.5.4.32.19960923161629.0066e88c@tbcnet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John B. Leonard, Jr wrote:
>
> Hi,
>

> Maybe somebody can help me. The Kishwaukee Amateur Radio Club has got a
> Wide/Relay, WA9CJN-15, that they want to use as a U-II WX site with rain gauge.
>
> My assumption was that we had an either/or situation...either we could
> configure the TNC as a WIDE/RELAY, or as a WX station, which would reset the
> alias to RELAY each time dosAPRS was started. We're also hoping to keep the
> APRS-format for xmitted wx so non-aprs stations can read it too, ie.,
> @230928/4155.48N/08845.07W_292/000/T058/R000/P000/U-II(auto)
>
> vs.
>
> #D007200020000
>
> We hate to give up the Wide/Relay green symbol but the WX capability is a
> high priority, too.
>
> Is there some way we can do both?
>
> Equipment:
> Dos APRS v 7.6d Validated for WX
> Zenith 8088 computer with 2 serial ports
> KPC-3 w/ ver 6 firmware
> Alinco DR120T radio
> Peet Bros U-II w/ Rain Gauge
>
> Thanks
>
> jbl
> ---
> J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com
> WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
> American Red Cross Disaster Services - DeKalb Co Chapter

Well Barry, making the KPC-3 a wide-relay is a simple matter of setting
myalias to WIDE and Mynode to Relay using any terminal program or the
terminal mode in APRS...it just won't show up as a green star, but
rather, as a weather station if you are outputing weather data and
designate it with the _ symbol code for APRS.
--
****
From: Kevin Heyboer   E-mail:kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail: KD4UYR @W4DPH.#CLW.FL.US
Assistant Emergency Coordinator and SKYWARN Coordinator
Greater Pinellas County (St Petersburg/Clearwater) Florida
****

From jscalet@sound.net Tue Sep 24 07:16:26 1996
Received: from guitar.sound.net (guitar.sound.net [205.242.192.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id HAA28900 for <aprssig@tapr.org>; Tue, 24 Sep 1996
07:16:25 -0500 (CDT)
Received: from jscalet (max1-24.sound.net [205.242.201.24]) by guitar.sound.net
(8.7.6/8.7.4) with SMTP id HAA15633 for <aprssig@tapr.org>; Tue, 24 Sep 1996
07:10:05 -0500 (CDT)

Message-ID: <324738D9.7775@sound.net>
Date: Mon, 23 Sep 1996 20:26:49 -0500
From: Joe Scalet - WK0G <jscalet@sound.net>
Reply-To: jscalet@sound.net
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Getting the GPS-20 to work.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've noticed a resurgence in messages about getting the GPS-20 to run so I thought I'ld throw in my $2/100 worth. I'm now on my second board. The first was fried when my regulator failed. Garmin swapped it for $45.00. I thought this was a great deal since the board had gotten hot enough to melt the labels and blister the conformal coating.(BTW a fuse would have made no difference as the total current consumed was only about 500mah. All that a fuse does is prevent a fire.)

Voltage required:

The first power supply delivered 4.92 volts and the GPS-20 came up each and every time. The new power supply is a PT5101 switching 5 volt regulator and it supplies 4.97 volts. Again the GPS-20 comes up each and every time. It also comes up on my bench supply at 5.000 volts with no problems. The first power supply was a 7805 and 7 NIMH cells rated at 1800mah. The supply now uses the same batteries. When the supply voltage falls below regulation to 4.5 or below the GPS-20 still initializes but puts out random garbage. I'm not sure what a "hard" power supply is (maybe a ps thats got a copy of the "Volts of Steel" video ?). I've even gotten both boards to initialize by gradually turning up the voltage on my bench ps from 0 to 4.9 volts.

I'ld almost suspect that there is something else going on. It could be a bad connector in the interface plug (very easy to do), or a shorted antenna connection. If you are getting no data out of the GPS-20 try monitoring the supply current with an analog meter and you will see a pulsing of the current drain in synch with the data sentences. This is a good indication that something in your connector is not good(very easy to happen).

I've had a blast with mine and really want to thank Bob and TAPR for offering this board. I ran into another ham at our club meeting and he'ld purchased the GPS-25 evaluation kit (12 channel parallel) from Garmin. I was a little jealous at first. He got the board, the prewired connector with a DB-9 on it, an active antenna, a wall wart to power it and some skimpy documentation. Then I found out it cost $650. I like to keep my toys cheap so I'm happy.

From lmkeeran@rs6000.cmp.ilstu.edu Tue Sep 24 08:21:38 1996
Received: from rs6000.cmp.ilstu.edu (root@rs6000.cmp.ilstu.edu [138.87.1.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA00638 for <aprssig@tapr.org>; Tue, 24 Sep 1996 08:21:37 -0500 (CDT)
Received: from i0517009.adm.ilstu.edu by rs6000.cmp.ilstu.edu (AIX 4.1/UCB 5.64/4.03)
          id AA39520; Tue, 24 Sep 1996 08:21:32 -0500
X-Sender: lmkeeran@rs6000.cmp.ilstu.edu (Unverified)
Message-Id: <v03007800ae6d9084af51@[138.87.2.109]>
In-Reply-To: <9609232143.AA25822@qni.com>
References: <32470269.6C75@cris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 24 Sep 1996 08:22:37 -0500
To: aprssig@tapr.org
From: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>
Subject: Re: [APRSSIG:5039] Re: UNPROTO and crippled unregistered software.

On Mon, 23 Sep 1996, Bill Young said:

>#1 When I "sell" APRS to a ham, I want to give him a program that
>allows him to see, touch, and try all the possibilities his ticket
>permits. This process, probably more than my demonstration, is what
>actually gets a person "hooked" on APRS.
>
>#2 I'd rather see Bob's energy and limited time continue to go toward
>enhancements (and the infrequent bug fix...). There's an honest limit
>to how much he can cram into his code, and I'd rather have bells and
>whistles, *NOT* balls and chains!

Let's keep with these ideas.

/\
 Larry M. Keeran K9ORP   IS Data Processing Equip Tech k9orp@amsat.org
 EC McLean Co-CIPRUS,Inc-PresCIRC-VP QCWA-Life ARRL-APRSM-APRS-TAPR#762
\/

From bruninga@nadn.navy.mil Tue Sep 24 08:42:12 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA01107 for <aprssig@tapr.org>; Tue, 24 Sep 1996 08:42:11 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id JAA18364; Tue, 24 Sep 1996 09:47:12 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 24 Sep 1996 09:47:11 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: Ronald Kramer <rkramer@merge1.mergetel.com>
cc: aprssig@tapr.org
Subject: Re: aprs and U2000 signals

In-Reply-To: <3247605c.11722729@mail.mergetel.com>
Message-ID: <Pine.GSO.3.95.960924091826.14747A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Sep 1996, Ronald Kramer reports that his U2K connected to APRS
serial port gives the following WX data:

......_059/000/T068/R000p000b0193h65g000U2K   (which is OK)

but if he feeds it to a standalone Paccomm tiny-2, APRS shows:

......_059/000/068c652p024b0193h27U2KR

Which shows different values:
   1) It dropped the T in temperature (this must be a bug. I'll fix)
   2) The c652 is the raw rain counter, since now there is no way to
      report the *change* in rain counter
   3) The p024 is probably the second raw rain counter, but it should
      not be there, or at least the label should not be "p"
   4) The h27 is showing humidity, but it is certainly lower than
      the previous value of h65. DId he have the humidity sensor
      in different places?

THe OFF-AIR raw WX data was: !!0000002AB001827D102FF028C----010A056C

I will check on the T in temperature and the p value, but is anyone else
seeing a humidity reading that is not correct in the stand-alone reports?
Since there are both inside and outside humidity sensors, could I be
reading the wrong one in one of these modes?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From jleonard@tbcnet.com Tue Sep 24 08:44:39 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA01129 for <aprssig@tapr.org>; Tue, 24 Sep 1996
08:44:38 -0500 (CDT)
Received: from PR150.tbcnet.com (PR150.tbcnet.com [207.112.227.50]) by
tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id IAA00242 for <aprssig@tapr.org>; Tue,
24 Sep 1996 08:44:37 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR150.tbcnet.com [207.112.227.50]
didn't use HELO protocol
Message-Id: <1.5.4.32.19960924134350.006cf174@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 24 Sep 1996 08:43:50 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:5048] Re: Wide/Relay with U-II Wx Sta

I think what we decided was that 10 people would check their stuffed chairs for loose change in the cushions and buy a second TNC. Then we can keep the green star and at the same time, xmit Wx info. The tempation was to just leave the aliases intact (WIDE/RELAY) but just not have the green star. But that would go against the spirit of the Wide concept.

Thanks to BobAPR and all else who responded.

jbl

At 06:28 9/24/96 -0500, you wrote: (various snips herein)

>> Maybe somebody can help me. The Kishwaukee Amateur Radio Club has got a
>> Wide/Relay, WA9CJN-15, that they want to use as a U-II WX site with rain gauge.
>>

>Well Barry, making the KPC-3 a wide-relay is a simple matter of setting
>myalias to WIDE and Mynode to Relay using any terminal program or the
>terminal mode in APRS...it just won't show up as a green star, but
>rather, as a weather station if you are outputing weather data and
>designate it with the _ symbol code for APRS.

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com
WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
American Red Cross Disaster Services - DeKalb Co Chapter

From bruninga@nadn.navy.mil Tue Sep 24 09:13:23 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA01814 for <aprssig@tapr.org>; Tue, 24 Sep 1996 09:13:21 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA22817 for <aprssig@tapr.org>; Tue, 24 Sep 1996 10:18:24 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 24 Sep 1996 10:18:24 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Enough of Y cables...
In-Reply-To: <32475E45.587A3B59@cyclades.com>
Message-ID: <Pine.GSO.3.95.960924101327.14747F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Sep 1996, someone wrote:

> Has anyone investigated using the diode matrix used to "stack" TNCs?
> This seems to be the answer to the "Y cable" problem.. cheap, easy to
> find parts, and the schematic is readily available.

APRSdos REPLY/COMMENT: YOu can combine 100 devices to your single COM port in any way you want using X, Y or Z cables, but since the GPS is

constantly outputting data every second, all you will get is garbled data
unless you have a switch. Either Manual or HSP. Period.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Tue Sep 24 09:30:23 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02373 for <aprssig@tapr.org>; Tue, 24
Sep 1996 09:30:22 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA24835; Tue, 24 Sep 1996 10:35:20 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 24 Sep 1996 10:35:19 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
cc: aprssig@tapr.org
Subject: Re: APRS Message HOT keys
In-Reply-To: <199609241246.HAA13571@bulldog.afsc.k12.ar.us>
Message-ID: <Pine.GSO.3.95.960924102532.14747J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Sep 1996, J. Scott Ratchford, KC5JGV wrote:

> Wow! I must have missed that in the docs. OK, here is another idea. Why
> not have a Sendmsg command in the Hooked commands. i.e. new station
> comes on-line and you move the cursor to it on the map screen and hit
> return Send message....

APRSdos REPLY/COMMENT: Its in there. Just hook a station and hit S for
send. I guess I could add that to the Hooked menu, huhh...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Tue Sep 24 09:36:42 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02669 for <aprssig@tapr.org>; Tue, 24
Sep 1996 09:36:41 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA25760 for <aprssig@tapr.org>; Tue, 24 Sep 1996
10:41:44 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 24 Sep 1996 10:41:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5052] Re: Wide/Relay with U-II Wx Sta
In-Reply-To: <1.5.4.32.19960924134350.006cf174@tbcnet.com>
Message-ID: <Pine.GSO.3.95.960924103722.14747K-100000@arctic>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Sep 1996, John B. Leonard, Jr wrote:

> ...We decided to buy a second TNC. Then we can keep the
> green star and at the same time, xmit Wx info.

APR REPLY: OOps, but if they have the same posit, then they will be on
top of each other and only the last one will show on everyone's map...
Why not put the repeater TNC up high on a hill where it will do the most
good. For that matter, put the WX station up there too... OOps, but then
you have the same problem, hi hi...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Tue Sep 24 10:04:30 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA03565 for <aprssig@tapr.org>; Tue, 24
Sep 1996 10:04:26 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA00430; Tue, 24 Sep 1996 11:09:29 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 24 Sep 1996 11:09:28 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
cc: ksproul@hardees.rutgers.edu, Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5051] Re: aprs and U2000 signals
In-Reply-To: <Pine.GSO.3.95.960924091826.14747A-100000@arctic>
Message-ID: <Pine.GSO.3.95.960924105320.27161A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I earlier wrote, but have since checked the code on these reports:

> Ron's U2000 report: ...059/000/T068/R000p000b0193h65g000U2K   (OK)
> His Standalone report: ...059/000/068c652p024b0193h27U2KR
>   1) It dropped the T in temperature (I'll fix this)

*** The T is in the code... Maybe he had a typo when he typed it in

>   2) The c652 is the raw rain counter, since now there is no way to
>   report the *change* in rain counter
>   3) The p024 is probably the second raw rain counter, but it should
>   not be there, or at least the label should not be "p"

*** The c652 is the raw rain counter (the second one, not normally used
    by APRS. THe p024 is the first raw rain counter. I had assumed that
    everyone was zeroing this every day, so that it could be interpreted
    as rain per day. I dont think that is a good idea. We cant guarantee
    that everyone will do this, especially if it is remotely mounted on

a hilltop... So I just changed my code so that this second raw rain counter is reported as x024. I can use any character instead of the "x" but I will wait until I hear from Sproul's before I make it official.

> 4) The h27 is showing humidity, but it is certainly lower than
> the previous value of h65. DId he have the humidity sensor
> in different places?
>
> THe OFF-AIR raw WX data was: !!0000002AB001827D102FF028C----010A056C

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From ku0g@sprynet.com Tue Sep 24 10:05:52 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA03584 for <aprssig@tapr.org>; Tue, 24 Sep 1996 10:05:49 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id IAA00732 for <aprssig@tapr.org>; Tue, 24 Sep 1996 08:02:59 -0700
Date: Tue, 24 Sep 1996 08:02:59 -0700
Message-Id: <199609241502.IAA00732@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com (Unverified)
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:5045] APRS Message HOT keys

>APRSdos REPLY/COMMENT: Its all in there. Read HELP.txt about sending
>messages. You can duplicate a previous message to a new station by
>hitting F2 for "reply" and then the number key of the existing message
>you want to send to this new person. THen hit ENTER... 3 Keys...
>
>You can even pre-load several such mesasges by sending them to MSG1,
>MSG2 and so forth. They will NOT be transmitted to MSGx... but are
>available then for copying with the 3 strokes above...
>
>VERY HANDY for MOBILES! You should be able to come up with a half dozen
>generic responses that will cover most of the needed replies while you
>are on the road..

Yes, BUT.....If you program 10 messages for out-going texts don't you fill up the incoming message buffer???? We suggested this same idea a year and a half ago.
I'd still like to see the function available through a "set up" mode then the pre-coded texts could be stored in the CFIG file and immediately available on initialization of the software!

73 de Jim, KU0G

From KD4EMI@aol.com Tue Sep 24 11:01:32 1996
Received: from emout09.mail.aol.com (emout09.mx.aol.com [198.81.11.24]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA05076; Tue, 24 Sep 1996 11:01:29 -0500
(CDT)
From: KD4EMI@aol.com
Received: by emout09.mail.aol.com (8.6.12/8.6.12) id MAA03244; Tue, 24 Sep 1996
12:00:58 -0400
Date: Tue, 24 Sep 1996 12:00:58 -0400
Message-ID: <960924120057_316275211@emout09.mail.aol.com>
To: aprs-fl@tapr.org
cc: aprssig@tapr.org
Subject: SALE STUFF

Im in a bit of a pinch and am selling some stuff, if anyone needs this, let
me know.

Garmin 45 perfect condtion $175 Firm
Kenwood TR 7950 (50 watt mobile) $175
Kenwood Tr 7900 (30 watt mobile) $150
Kam with version 5.0 $175

486sx33 w/ 4M ram and 500 meg HD runs fine, windows etc.
With monitor (monitor is a bit old)
$300 Firm
Please call Mike at 954-974-4153

From n2iph@cyberenet.net Tue Sep 24 12:19:52 1996
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA07401 for <aprssig@tapr.org>; Tue, 24
Sep 1996 12:19:51 -0500 (CDT)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp
     (Smail3.1.29.1 #7) id m0v5b9B-000O3uC; Tue, 24 Sep 96 13:19 EDT
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp
     (Smail3.1.29.1 #8) id m0v5b97-0006FSC; Tue, 24 Sep 96 13:19 EDT
Message-ID: <324817B6.4EE4@cyberenet.net>
Date: Tue, 24 Sep 1996 13:17:42 -0400
From: Bob Derderian <n2iph@cyberenet.net>
Reply-To: n2iph@cyberenet.net
Organization: ISA
X-Mailer: Mozilla 3.0b6Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5052] Re: Wide/Relay with U-II Wx Sta
References: <1.5.4.32.19960924134350.006cf174@tbcnet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I thought I remembered a few revs back that it was possible to have a
GREEN circle, indicating a WIDE/Wx station.

Bob (APR), is/was this true and is that option still available?

73 all...Bob

From kf4dys@juno.com Tue Sep 24 13:13:35 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA08957 for <aprssig@tapr.org>; Tue, 24
Sep 1996 13:13:33 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
     id OAB04361; Tue, 24 Sep 1996 14:12:58 EDT
To: aprssig@tapr.org
Date: Tue, 24 Sep 1996 08:12:07 PST
Subject: Re: HF APRS Transceiver for $199
Message-ID: <19960924.130749.4503.3.kf4dys@juno.com>
References: <324756EA.24D52BC9@cyclades.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-1,3-4,7-10
From: kf4dys@juno.com (Joe Foor)

Why do you folks keep refering to the KPC3 in this thread?

Have I missed a command in the manual? Is there a way to tell the KPC3 to
change from 1200 baud to 300 baud, for the net speed?

Shouldn't you be talking in reference to the MFJ 1270? At least it
operates at the right speed for HF nets, and the price is about the
same.

regards,
Joe

From bruninga@nadn.navy.mil Tue Sep 24 13:30:09 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA09447 for <aprssig@tapr.org>; Tue, 24
Sep 1996 13:30:07 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id OAA29167 for <aprssig@tapr.org>; Tue, 24 Sep 1996
14:35:06 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 24 Sep 1996 14:35:05 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5057] Re: APRS Message HOT keys
In-Reply-To: <199609241502.IAA00732@m1.sprynet.com>
Message-ID: <Pine.GSO.3.95.960924143328.28763A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Sep 1996, Jim Duncan wrote:

> >APRSdos REPLY/COMMENT: Its all in there. Read HELP.txt about sending
> >messages. You can duplicate a previous message to a new station by
> >hitting F2 for "reply" and then the number key of the existing message

>
> Yes, BUT.....If you program 10 messages for out-going texts don't you fill
> up the incoming message buffer????

*** NO. Only the outgoing buffer.

> I'd still like to see the function available through a "set up" mode then
> the pre-coded texts could be stored in the CFIG file and immediately
> available on initialization of the software!

APRSdos REPLY/COMMENT: They are saved when you do a backup. Just save
and reload the backup...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From jratchf@bulldog.afsc.k12.ar.us Tue Sep 24 13:45:50 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA10059 for <aprssig@tapr.org>; Tue, 24 Sep 1996
13:45:47 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us
[170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id NAA19447
for <aprssig@tapr.org>; Tue, 24 Sep 1996 13:45:37 -0500
Message-Id: <199609241845.NAA19447@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5057] Re: APRS Message HOT keys
Date: Tue, 24 Sep 1996 13:44:36 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> From: Jim Duncan <ku0g@sprynet.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:5057] Re: APRS Message HOT keys
> Date: Tuesday, September 24, 1996 10:09 AM
>
>
> >APRSdos REPLY/COMMENT: Its all in there. Read HELP.txt about sending
> >messages. You can duplicate a previous message to a new station by
> >hitting F2 for "reply" and then the number key of the existing message
> >you want to send to this new person. THen hit ENTER... 3 Keys...
> >
> >You can even pre-load several such mesasges by sending them to MSG1,
> >MSG2 and so forth. They will NOT be transmitted to MSGx... but are
> >available then for copying with the 3 strokes above...
> >
> >VERY HANDY for MOBILES! You should be able to come up with a half
dozen

> >generic responses that will cover most of the needed replies while you
> >are on the road..
>
>
> Yes, BUT.....If you program 10 messages for out-going texts don't you
fill
> up the incoming message buffer???? We suggested this same idea a year
and a
> half ago.
> I'd still like to see the function available through a "set up" mode
then
> the pre-coded texts could be stored in the CFIG file and immediately
> available on initialization of the software!
>
> 73 de Jim, KU0G

Exactly!
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* ARRL * ARES EC * RACES * NAARS, Inc. *
* MVFD/EMS FR * CCL #426 *

From bbliss@juno.com Tue Sep 24 13:54:56 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA10499 for <aprssig@tapr.org>; Tue, 24
Sep 1996 13:54:51 -0500 (CDT)
Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
     id OAA28946; Tue, 24 Sep 1996 14:54:04 EDT
To: aprssig@tapr.org
Subject: HF/XCVR, UNPROTO,WIDE,W,W
Message-ID: <19960924.115330.9207.0.bbliss@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0,2-4,6-7,9-10,12-14,16-21,23-24,26,28-31,33,35,
     37-39,41,43,45,47-49,51,53-54,56-57,59-61,63,65,67-69,71-72,74-81
From: bbliss@juno.com (William B. Bliss)
Date: Tue, 24 Sep 1996 14:54:04 EDT

APRS'ers, One and You all..
    Recient sig messages regarding the subject matter. Appears to me a
lot
of users are unaware of the DOS README.DIR files, or they have failed to
read same.
     Also appears no such file exists for the WinAPRS, MacAPRS users.
May I
suggest to the Sproul Bro's. include a ZIP'ed file of the DOS README.DIR
with their program., and also a ZIP'ed file should be made available on
the
TAPR aprssig. program files, for users to download.
    As APR/Bob mentioned read the following files, as minimum reading
anyway:
OPS.TXT, DIGIS.TXT, HF,TXT... There is enough documentation info in these
three files alone, that should clear up some misunderstanding.
    Gateway Rules, Digipeater rules, Routing ops, are paragraphs that

explain
a lot on UNPROTO PATHS, use of WIDE,WIDE,WIDE
    " Paths of W,W,W   SHOULD BE AVOIDED. "   Do not Gate VHF, TO HF ,
appropriate paths for Mobile and Fixed stations are discussed.
      The README.DIR has been included since day one of the DOS program,
at least the last THREE years since Ver 2.4 when I started.
     I just recently had two incidences of Southern Calif. APRS ops ,
QSO'ng
on HF and found they were on VHF. This last one, new nothing about any
readme.dir of unproto paths and was using the following:
WIDE,WIDE,GATE,GATE,
WIDE,WIDE,RELAY.. , with WinAPRS,   No idea of not going VHF to HF..
????????

  New Subj: Re VOX-APRS & Mic-Encoder. If we had a common HF 20Meter
Voice APRS QSO frequency for Mobiles crossing country, and us land locked
sailors, would the same concept of GPS position burst at end of Voice
on HF
work ??? as explained for VHF..   ???   APR/Bob, your comments. Were
looking
for HF packet frequencies in other bands, how bout a common Voice band

using Mic-encoder concept ?.   Something new to kick around ..

    Also, couple recient Ballon tracking events back midwest/east, how
bout
couple HF relay stations of tracking info, for us early risers out here
in the
west, nothing appeard on HF band for us to copy. Would it hurt the HF
bands
that much for a mid-west (Kansas City Area, - N0AN/KU0G) allowd to
relay
special events like the balloon runs . ?????

      While on HF, does anyone object to my CWID on 10151/lsb every 30M,
for
propogation information. I frequently hear HH2B from Purerto Rico and it
gives
me an idea of 30M conditions. Perhaps mine in the west and another up in
North East and Kansas City area, would be of some benifit to the HF
users. ??

    On the HF/Transciever, single channel ideas. Two advertizers in World
Radio
could possibely be contacted, as suppliers..

     New one 1st add for QRP type kits: NW2080, Monobanders,
80,40,30,20, 5
watts , Superhet with Variable Bandwidth Crystal Ladder Filter, RIT $75
plus
other..   EMTECH , 3641A Preble St. Bremerton, WA 98312
(360-415-0804),
E-mail <roygregson@aol.com>

Another QRP supplier may be interested: Wilderness Radio, P.O. Box 734,
Los Altos, CA 94023-0734 (415-494-3806) , 3 band $295, 6 bands #369.
Althought QRP rigs & kits, possible more power output transistor capable.

73's & Enjoy, Bill/WB6LPG <wbliss@coastside.net// bbliss@juno.net>
NNNN

From bruninga@nadn.navy.mil Tue Sep 24 13:59:11 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA10597 for <aprssig@tapr.org>; Tue, 24 Sep 1996 13:59:09 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id PAA04233 for <aprssig@tapr.org>; Tue, 24 Sep 1996 15:04:11 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 24 Sep 1996 15:04:10 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5059] Re: Wide/Relay with U-II Wx Sta
In-Reply-To: <324817B6.4EE4@cyberenet.net>
Message-ID: <Pine.GSO.3.95.960924144044.28763C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Sep 1996, Bob Derderian wrote:

> I thought I remembered a few revs back that it was possible to have a
> GREEN circle, indicating a WIDE/Wx station.
> Bob (APR), is/was this true and is that option still available?

APRSdos REPLY/COMMENT: YES! It will be a green circle everytime it BEACONS and will turn into a WX report every time it sends WX data, I think... As long as you put in the BText the words WIDE-RELAY

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Tue Sep 24 18:01:26 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA22146 for <aprssig@tapr.org>; Tue, 24 Sep 1996 18:01:24 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id TAA27766 for <aprssig@tapr.org>; Tue, 24 Sep 1996 19:06:27 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Tue, 24 Sep 1996 19:06:26 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5063] HF/XCVR, UNPROTO,WIDE,W,W
In-Reply-To: <19960924.115330.9207.0.bbliss@juno.com>
Message-ID: <Pine.GSO.3.95.960924190402.27402C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Sep 1996, William B. Bliss wrote:

>   New Subj: Re VOX-APRS & Mic-Encoder. If we had a common HF 20Meter
> Voice APRS QSO frequency for Mobiles crossing country, and us land locked
> sailors, would the same concept of GPS position burst at end of Voice
> on HF work ???

APRSdos REPLY/COMMENT: The packet would be 1.5 seconds long... Might not
be appreciated. Might not even be legal in voice bands, but I would
argue that it is not packet, it is Selective Calling.... Which is legal.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From wendysue@global2000.net Tue Sep 24 21:30:20 1996
Received: from mail.global2000.net (mail.global2000.net [198.69.121.4]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA28396 for <aprssig@tapr.org>; Tue, 24
Sep 1996 21:30:19 -0500 (CDT)
Received: from test.global2000.net (dialup-30.global2000.net [205.247.145.130]) by
mail.global2000.net (8.7.5/8.6.9) with SMTP id WAA08839 for <aprssig@tapr.org>;
Tue, 24 Sep 1996 22:30:14 -0400
Message-ID: <32489954.4BD7@global2000.net>
Date: Tue, 24 Sep 1996 22:30:44 -0400
From: John M Domblewski <wendysue@global2000.net>
Organization: Mobile Office Services
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5058] SALE STUFF
References: <960924120057_316275211@emout09.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KD4EMI@aol.com wrote:
>
> Im in a bit of a pinch and am selling some stuff, if anyone needs this, let
> me know.
>
> Garmin 45 perfect condtion $175 Firm
> Kenwood TR 7950 (50 watt mobile) $175
> Kenwood Tr 7900 (30 watt mobile) $150
> Kam with version 5.0 $175
>

> 486sx33 w/ 4M ram and 500 meg HD runs fine, windows etc.
> With monitor (monitor is a bit old)
> $300 Firm
> Please call Mike at 954-974-4153

Mike

What comes with the Garmin 45 besides the unit itself?

John

From steved@vianet.on.ca Tue Sep 24 22:10:31 1996
Received: from vianet.on.ca (root@gwn.vianet.on.ca [204.187.88.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA29533 for <aprssig@tapr.org>; Tue, 24 Sep 1996 22:10:29 -0500 (CDT)
Received: from steved.vianet.on.ca (hunt72.vianet.on.ca [206.186.208.72]) by vianet.on.ca (8.7.6/8.7.3) with ESMTP id XAA12968 for <aprssig@tapr.org>; Tue, 24 Sep 1996 23:08:34 -0400 (EDT)
Message-Id: <199609250308.XAA12968@vianet.on.ca>
From: "Stephen Dubois" <steved@vianet.on.ca>
To: <aprssig@tapr.org>
Subject: Test
Date: Tue, 24 Sep 1996 23:12:18 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi All,
Jst testing MS mailer. Thanks all..Sri for bandwidth..73.....

Steve Dubois
CANWARN SPOTTER VA3HOI
(S)huttle(A)mateur(R)adio(EX)periment STATION
APRS,WinAPRS,APRTRAK
E-mail:steved@vianet.on.ca

From rsellers@firecraker.com Tue Sep 24 22:30:34 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA00169 for <aprssig@tapr.org>; Tue, 24 Sep 1996 22:30:29 -0500 (CDT)
Date: Tue, 24 Sep 1996 22:30:29 -0500 (CDT)
Message-Id: <199609250330.WAA00169@tapr.org>
X-ROUTED: Tue, 24 Sep 1996 22:30:48 -0500
Received: from RSELLERS [199.190.124.29] by rockford.com with smtp
     id BGBOAPFM ; Tue, 24 Sep 1996 22:30:16 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4989] HF APRS Transceiver for $199

>
>I am still convinced that a 50 watt black box stick-it-under-the-seat HF
>Xtal controlled 10.151 packet transceiver can be built for well under
>$199. Ten tec seemed interested but still say there is no market.
>
If I could find a HF radio for $199 I'd sure consider it for APRS. Maybe they don't think there's a market for it because no one is asking. Or not enough people are asking.
   I just bought my first HF radio used. I'd like to consider a HF APRS system. It was a tough decision just to put the money into a VHF station for the hobby. But I cant justify tying up a thousand $$ radio for APRS. If there was a $199 HF radio, I'd definitely look into it.

   May a bunch of us could do a mass email or call-in to ten-tec or a company doing the kit type radios. Just how many request do they need?

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From rsellers@firecraker.com Tue Sep 24 22:44:35 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA00504 for <aprssig@tapr.org>; Tue, 24 Sep 1996 22:44:32 -0500 (CDT)
Date: Tue, 24 Sep 1996 22:44:32 -0500 (CDT)
Message-Id: <199609250344.WAA00504@tapr.org>
X-ROUTED: Tue, 24 Sep 1996 22:44:50 -0500
Received: from RSELLERS [199.190.124.29] by rockford.com with smtp
     id BGCMCHBO ; Tue, 24 Sep 1996 22:44:38 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4964] help on tapr cd rom

>
>hi to all.
>
>i am interested on test de winaprs software, and have buy the tapr 1996 cd rom
>to find it, but it say that beta time has exipired...

>
>any sugestion __?? tnx
>
>de hk3gal (Gerardo Arias L.)
>
>
set your web browser to   ftp://aprs.rutgers.edu/pub/hamradio/aprs/

That should get you to the latest windows version.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From BordingK@aol.com Tue Sep 24 22:47:54 1996
Received: from emout16.mail.aol.com (emout16.mx.aol.com [198.81.11.42]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA00544 for <aprssig@tapr.org>; Tue, 24
Sep 1996 22:47:52 -0500 (CDT)
From: BordingK@aol.com
Received: by emout16.mail.aol.com (8.6.12/8.6.12) id XAA14192 for
aprssig@tapr.org; Tue, 24 Sep 1996 23:47:21 -0400
Date: Tue, 24 Sep 1996 23:47:21 -0400
Message-ID: <960924234721_292673899@emout16.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5066] Re: SALE STUFF

I spoke to Mike today and he said he terminated his AOL account as of today.
 I purchased the Garmin 45, but most of the other stuff is still available.
 You'll have to call him for more info.

de KF4COH
Ken in Jax

From rsellers@firecraker.com Tue Sep 24 22:49:05 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA00688 for <aprssig@tapr.org>; Tue, 24 Sep 1996
22:49:02 -0500 (CDT)
Date: Tue, 24 Sep 1996 22:49:02 -0500 (CDT)
Message-Id: <199609250349.WAA00688@tapr.org>
X-ROUTED: Tue, 24 Sep 1996 22:49:18 -0500
Received: from RSELLERS [199.190.124.29] by rockford.com with smtp
     id BGDACPFJ ; Tue, 24 Sep 1996 22:48:48 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org

From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:4994] NEC/Ultralite 286F LapTop Gamble

..... snip...
>I have no PC nor info on the 4 pin power connector. Anyone out there have
>info on this NEC/Ultralite 286F black laptop? It will replace my old big
>Zenith in the car...
>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>
check NEC's home page for a tech support number. I went through a similar
trek when I bought a used ACER 486 for $75. It cost me another $75 for a new
keybaord and I bought a used HD for it at a hamfest. So I got a 486sx33 for
under $200. Go for the tech support....

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From kb8ast@kb8ast.#neoh.oh.usa.noam Tue Sep 24 23:12:13 1996
Received: from vhf.n2njh-5.ampr.org (hamgate.sunyerie.edu [192.188.232.10]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA01258 for <aprssig@tapr.org>; Tue, 24
Sep 1996 23:12:09 -0500 (CDT)
Received: from vhf.n2njh-5.ampr.org by vhf.n2njh-5.ampr.org (TNOS2.10/U) with SMTP
     id AA148708 ; Wed, 25 Sep 96 00:01:44 -0400
X-Forwarded-To: kd4idr
X-BBS-Msg-Type: B
Date: 24 Sep 96 13:12:00 UTC
Message-Id: <6612_KB8AST@kd4idr.bbs>
Sender: kb8ast@kb8ast.#neoh.oh.usa.noam
From: kb8ast@kb8ast.#neoh.oh.usa.noam
To: aprs@usa
Subject: HF STATIONS HEARD IN NE OHIO.

R:960925/0354z @:KD4IDR.#ENG.FL.USA.NOAM Englewood, FL Z:34224 $:6612_KB8AST
R:960925/0358Z @:WB0TAX.#SHRV.LA.USA.NOAM #:49580 $:6612_KB8AST
R:960925/0350Z @:WB7AWL.#SWOR.OR.USA.NOAM #:5387 $:6612_KB8AST
R:960925/0344Z @:KA6EYH.#NOCAL.CA.USA.NOAM #:5720 [Pacifica] $:6612_KB8AST
R:960925/0339z @:WB8BII.#NEOH.OH.USA.NOAM #:43641 $:6612_KB8AST
R:960924/2329 @:WA8BXN.#NEOH.OH.USA.NA #:56003 $:6612_KB8AST
R:960924/1312z @:KB8AST.#NEOH.OH.USA.NOAM #:6612

KT4DD, KUOG-1, KF0ZH, WB9OML, W4HBK, N2CZF, HH2B, WD5CWZ, VA6RTX,
WD4HZO, W5RPQ, N0AN, WB5RYR, NU5Q, W7LUS-14/mob, W7LUS, K4OLZ, KP4DDB

I have a question, are the hf digi's vertically or horizonally polarized.
I would suspect vertical because that would permit the best 360 degree
pattern. 73, de KB8AST

From ku0g@sprynet.com Wed Sep 25 00:03:04 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id AAA04057 for <aprssig@tapr.org>; Wed, 25 Sep 1996
00:03:02 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.132.55] (ad05-055.compuserve.com [199.174.132.55]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id WAA26893 for <aprssig@tapr.org>; Tue,
24 Sep 1996 22:00:10 -0700
Date: Tue, 24 Sep 1996 22:00:10 -0700
Message-Id: <199609250500.WAA26893@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5061] Re: APRS Message HOT keys
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.21

I really meant the out-going buffer. Dyslexic being was I, me excuse Please

I still think that it should be a matter of configuration, though. What about
instances of high traffic? The user is probably going to need that out-going
message buffer area.

Here's an idea: The F6FBB software reads from a text file that contains the TEN
user-programmable messages that are called up by hitting F1 through F10.
Obviously some of the F Keys are already in use but isn't there some other
keyboard one-stroke thing that we could come up with? I'm speaking from a
SKYWARN/NWS viewpoint, as usual because it's my particular area of interest, of
course.

Time is critical in emergency situations. Having a little cue card with the
F-strings printed would be easy. All of these message could be routed to ALERT
or WX or anything similar to the current BLN messages. Only concern I would
have is that these messages should ONLY go out once or twice (to allow for
collisions) and NOT follow the time-decay methods of normal
bulletins/messages/etc...

I'd like to see the system be so user friendly that an untrained operator at NWS
could sit down at the APRS terminal and only have to deal with a few keystrokes
to rapidly disseminate information to the network (and vice versa!).

One of the biggest complaints that I hear over and over from new users
(especially the NON-technical minded/non-computer illiterate/plug-n-play types)
is that there is SO much to learn to fully utilize the potential of the APRS
software that it's quite overwhelming.

I'm still, slowly but surely, working on a users guide to DOS APRS that combines all of the readme files, eliminates duplication and presents the software in an easy-to-follow manual with the new user in mind. More on this after Marching Band season ends in mid-November, Bob....Was hoping that I could get to PIA and sit down with you on this...We'll talk....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From denniswj@aljan.com.au Wed Sep 25 03:59:40 1996
Received: from orion.aljan.com.au (root@orion.aljan.com.au [203.26.188.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id DAA13605 for <aprssig@tapr.org>; Wed, 25 Sep 1996 03:59:35 -0500 (CDT)
Received: from aljan.aljan.com.au (denniswj.aljan.com.au [203.30.147.30]) by orion.aljan.com.au (8.6.12/8.6.9) with ESMTP id SAA06182 for <aprssig@tapr.org>; Wed, 25 Sep 1996 18:59:46 +1000
Message-Id: <199609250859.SAA06182@orion.aljan.com.au>
From: "DENNIS JAMES" <denniswj@aljan.com.au>
To: "Aprs Group" <aprssig@tapr.org>
Subject: aprs Pk-232MBX and GPS45XL
Date: Wed, 25 Sep 1996 17:58:26 +1000
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello I wonder if someone can tell me how to set up the pk-232mbx using the GPS45XL
I have been reading the mail for sometime and am keen to give it a go.
Dennis
Scone Australia
The Horse Capital of Australia
VK2DOR KO-23 UO-22 KO-25
GRID QF57KX
denniswj@aljan.com.au

From weinkar@aa.wl.com Wed Sep 25 07:58:18 1996
Received: from envoy.wl.com (envoy.wl.com [162.48.254.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA18540 for <aprssig@tapr.org>; Wed, 25 Sep 1996 07:58:17 -0500 (CDT)
Received: by envoy.wl.com (5.65/allen-042593);
     id AA17549; Wed, 25 Sep 1996 08:58:15 -0400
Received: from mr.research.aa.wl.com by SRVR01.RESEARCH.AA.WL.COM
 (PMDF V5.0-6 #4023) id <01I9W20Z91PC00H3FD@SRVR01.RESEARCH.AA.WL.COM> for
 aprssig@tapr.org; Wed, 25 Sep 1996 08:58:00 -0400 (EDT)
Received: with PMDF-MR; Wed, 25 Sep 1996 08:58:34 -0400 (EDT)
Mr-Received: by mta PDAV01.MUAS; Relayed; Wed, 25 Sep 1996 08:58:34 -0400
Mr-Received: by mta PDAV01; Relayed; Wed, 25 Sep 1996 08:59:00 -0400
Mr-Received: by mta SRVR01; Relayed; Wed, 25 Sep 1996 08:57:50 -0400

Disclose-Recipients: prohibited
Date: Wed, 25 Sep 1996 08:58:34 -0400 (EDT)
From: Rich Weinkauf x7179 <weinkar@aa.wl.com>
Subject: Re: [APRSSIG:5039] Re: UNPROTO and crippled unregistered software.
In-Reply-To: <9609232143.AA25822@qni.com>
To: "aprssig@tapr.org" <aprssig@tapr.org>
Message-Id: <7134580825091996/A04964/PDAV01/11A9CA3A1D00*@MHS>
Autoforwarded: false
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
Importance: normal
Priority: urgent
Sensitivity: Company-Confidential
Ua-Content-Id: 11A9CA3A1D00
X400-Mts-Identifier: [;7134580825091996/A04964/PDAV01]
Hop-Count: 2

>On Mon, 23 Sep 1996, Hasan Schiers and William Nolle were discussing:
>>
>>The i have another idea (This may even help Bob!. Place a limit on
>>unproto path's in the unregistered version since all new users run
>>that version!.

>BAD IDEA! I want to give you only two of *MANY* reasons I can see:
>
<snip>
>Come on guys! I look on each new (or otherwise...) APRS user that's
>"doing it wrong" as a real opportunity to mentor and fraternize with a
>fellow ham. It's a chance to pass on other operating "tips, tricks,
>and traps" that they may not be aware of.
>
>Bill Young

I've been using APRS on and off for two years now, and finally got serious about it and registered my version, bought a Magellan GPS and mounted it in my Pathfinder, and have been enjoying the application. And I agree with Bill, let the new folks come online and learn for themselves. One look at the Digi screen and they'll learn how to set UNPROTO. And they also get a chance to experiment- when I first set APRS up, I put in an UNPROTO of RELAY, WIDE,WIDE,WIDE,WIDE just to see what happened. I pinged and heard this horrible mess all over 145.790. I changed my UNPROTO back to WIDE,WIDE immediately, but the point is I got to experiment and hear it for myself.

If I had left it like that and cobbled up the frequency for very long, I'm sure a local APRS user would send me a message with a suggestion to change UNPROTO to something more reasonable.

Rich Weinkauf, N8QLT

From bruninga@nadn.navy.mil Wed Sep 25 08:40:03 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA19721 for <aprssig@tapr.org>; Wed, 25

Sep 1996 08:40:01 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id JAA06468; Wed, 25 Sep 1996 09:45:00 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 25 Sep 1996 09:45:00 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: Larry Miller <lmiller@ezl.com>
cc: aprssig@tapr.org
Subject: Re: WX Station goes grey on 7.7b
In-Reply-To: <324869D2.605F@ezl.com>
Message-ID: <Pine.GSO.3.95.960925093927.4668E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Sep 1996, Larry Miller wrote:

>   Loaded up 7.7b over the weekend. Now my wx station goes grey. Don't
> know when (how long) after I start it it greys out, but its happening.

APRSdos REPLY/COMMENT: Argh! That was supposed to have been fixed in
77a and b. (b which shows itself as 77a in the Help screen and logo).
Anyone else confirm that it is NOT fixed yet?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From ku0g@sprynet.com Wed Sep 25 08:59:30 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA20218 for <aprssig@tapr.org>; Wed, 25 Sep 1996
08:59:28 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id GAA02752 for <aprssig@tapr.org>; Wed, 25 Sep 1996 06:56:33 -0700
Date: Wed, 25 Sep 1996 06:56:33 -0700
Message-Id: <199609251356.GAA02752@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4808] Help w/ commercial UHF radio

Ken:

One of our APRS boys here works for Midland! I have forwarded your message
on reprogramming the UHF radios to him.. You should hear something from him,
I would hope. If it's the radio I'm thinking of, though, I have two. They
are EXTREMELY unstable in a mobile environment but are generally reliable in
a fixed station with good temperature control...

73 de Jim, KU0G

From blaine@unicomp.net Wed Sep 25 09:01:00 1996
Received: from ns1.unicomp.net (ns1.unicomp.net [199.1.42.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA20244 for <aprssig@tapr.org>; Wed, 25 Sep 1996
09:00:59 -0500 (CDT)
From: blaine@unicomp.net
Received: from front.unicomp.net (front.unicomp.net [199.1.42.8]) by
ns1.unicomp.net (8.7.5/8.7.3) with SMTP id JAA14583 for <aprssig@tapr.org>; Wed,
25 Sep 1996 09:01:04 -0500 (CDT)
Date: Wed, 25 Sep 1996 09:01:04 -0500 (CDT)
Message-Id: <199609251401.JAA14583@ns1.unicomp.net>
X-Sender: blaine@mailhost.unicomp.net
X-Mailer: Windows Eudora Pro Version 2.1.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5060] Re: HF APRS Transceiver for $199

This message does not belong to me. Please take precautions so that I don't
receive anymore.

Thanks
BB

At 01:30 PM 9/24/96 -0500, you wrote:
>Why do you folks keep refering to the KPC3 in this thread?
>
>Have I missed a command in the manual? Is there a way to tell the KPC3 to
>change from 1200 baud to 300 baud, for the net speed?
>
>Shouldn't you be talking in reference to the MFJ 1270? At least it
>operates at the right speed for HF nets, and the price is about the
>same.
>
>regards,
>Joe
>
>
>

From jkerns@usit.net Wed Sep 25 09:03:46 1996
Received: from smtest.usit.net (smtest.usit.net [199.1.48.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA20472 for <aprssig@tapr.org>; Wed, 25 Sep 1996
09:03:45 -0500 (CDT)
Received: from LOCALNAME (bway-slip116.dynamic.usit.net [204.194.172.162]) by
smtest.usit.net (8.7.5/8.6.12) with SMTP id KAA02798 for <aprssig@tapr.org>; Wed,
25 Sep 1996 10:03:23 -0400 (EDT)
Date: Wed, 25 Sep 1996 10:03:23 -0400 (EDT)
Message-Id: <199609251403.KAA02798@smtest.usit.net>
X-Sender: jkerns@pop.usit.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org

From: James Kerns <jkerns@usit.net>
Subject: Re: [APRSSIG:4948] Re: Secondary Freq Ref for 30m

Snip ::   Bob I connected to WWW below and get the USNA but can't any APRS
or you on the page, whjats it under??

Jim in Tn.
>freq czar, hi hi   For those of you that dont know it, W3ADO is the
>callsign of the Naval Academy Amateur Radio club. Its HF APRS system is
>in my office, hi hi...
>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>
>

From kr4ol@juno.com Wed Sep 25 09:10:28 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA20553 for <aprssig@tapr.org>; Wed, 25
Sep 1996 09:10:26 -0500 (CDT)
From: kr4ol@juno.com
Received: (from kr4ol@juno.com) by x6.boston.juno.com (queuemail)
     id KAA29088; Wed, 25 Sep 1996 10:10:15 EDT
To: aprssig@tapr.org
Date: Wed, 25 Sep 1996 10:05:56 PST
Subject: UHF Freq.
Message-ID: <19960925.100604.16455.0.KR4OL@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-3

    Is there an active UHF freq. for APRS in the Southeast? If so, what
is it and who is active there?
     Thank you very much for your help! de Tom, KR4OL

From jratchf@bulldog.afsc.k12.ar.us Wed Sep 25 09:10:38 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA20571 for <aprssig@tapr.org>; Wed, 25 Sep 1996
09:10:35 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip6.afsc.k12.ar.us
[170.211.157.180]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id JAA00128
for <aprssig@tapr.org>; Wed, 25 Sep 1996 09:10:39 -0500
Message-Id: <199609251410.JAA00128@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5073] Re: APRS Message HOT keys
Date: Wed, 25 Sep 1996 09:09:37 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

> From: ku0g@sprynet.com
> To: aprssig@tapr.org
> Subject: [APRSSIG:5073] Re: APRS Message HOT keys
> Date: Wednesday, September 25, 1996 12:04 AM
>

snip

> Here's an idea: The F6FBB software reads from a text file that contains
the TEN
> user-programmable messages that are called up by hitting F1 through F10.

> Obviously some of the F Keys are already in use but isn't there some
other
> keyboard one-stroke thing that we could come up with? I'm speaking from
a
> SKYWARN/NWS viewpoint, as usual because it's my particular area of
interest, of
> course.
>

How about using ALT-F# keystrokes? Anything that makes single stroke messaging while mobile easier. It doesn't have to be SKYWARN, although that is what I would use it mostly for, but could also be "nth runner passing 3rd and Washington now", or even "Navy runner just dropped the ball!". hihi

> Time is critical in emergency situations. Having a little cue card with
the
> F-strings printed would be easy. All of these message could be routed
to ALERT
> or WX or anything similar to the current BLN messages. Only concern I
would
> have is that these messages should ONLY go out once or twice (to allow
for
> collisions) and NOT follow the time-decay methods of normal
> bulletins/messages/etc...
>

Time IS critical when looking at the funnel! (Do I run like hell or stay my ground, oh, let me hit this key first then run like hell!) I suggest that the "routed to" be also user programmable. This would add flexibility to "local special nets" that are still filterable at the staionary terminal. Just a little flexibility is needed.

> I'd like to see the system be so user friendly that an untrained
operator at NWS
> could sit down at the APRS terminal and only have to deal with a few
keystrokes
> to rapidly disseminate information to the network (and vice versa!).

>

How about the addition RCM (Radar Coded Message) display on the map
screen? The data, ASCII text no more than 4K, is a normal weather product
automatically sent by the WSR-88D NEXRAD systems and is sent out by the
NWS. Again a useful tool while mobile and especially when storm spotting.
Something to go Hmmmm about!

> One of the biggest complaints that I hear over and over from new users
> (especially the NON-technical minded/non-computer illiterate/plug-n-play
types)
> is that there is SO much to learn to fully utilize the potential of the
APRS
> software that it's quite overwhelming.
>
> I'm still, slowly but surely, working on a users guide to DOS APRS that
combines
> all of the readme files, eliminates duplication and presents the
software in an
> easy-to-follow manual with the new user in mind. More on this after
Marching
> Band season ends in mid-November, Bob....Was hoping that I could get to
PIA and
> sit down with you on this...We'll talk....
>
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com

73
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* ARRL * ARES EC * RACES * NAARS, Inc. *
* MVFD/EMS FR * CCL #426 *

From bruninga@nadn.navy.mil Wed Sep 25 09:11:50 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA20613 for <aprssig@tapr.org>; Wed, 25
Sep 1996 09:11:48 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA10984 for <aprssig@tapr.org>; Wed, 25 Sep 1996
10:16:50 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 25 Sep 1996 10:16:50 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5073] Re: APRS Message HOT keys
In-Reply-To: <199609250500.WAA26893@m1.sprynet.com>
Message-ID: <Pine.GSO.3.95.960925101146.4668J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Sep 1996 ku0g@sprynet.com wrote:

> I still think that pre-canned message should be.... stored in the CONFIG
> file though and why use up the outgoing message buffer for those
> messages?

APRSdos REPLY/COMMENT: I agree, it would be nice to have more than 10
lines, but there is no more rooom in APRS. What should I leave out?

You will want separate pre-canned messages for different aplications, it
is far easier to load them from various NAMED backup files than constantly
quitting and re-starting APRS so you can load a separate CONFIG file,
believe me.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Wed Sep 25 09:14:53 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA20663 for <aprssig@tapr.org>; Wed, 25
Sep 1996 09:14:52 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA11435; Wed, 25 Sep 1996 10:19:52 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 25 Sep 1996 10:19:52 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: ku0g@sprynet.com
cc: aprssig@tapr.org
Subject: Re: 7.7b REDRAW bug...???
In-Reply-To: <199609250459.VAA26857@m1.sprynet.com>
Message-ID: <Pine.GSO.3.95.960925101757.4668K-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Sep 1996 ku0g@sprynet.com wrote:

> I enabled REDRAW in my previous version. When I upgraded to 7.7b the redraw
> went berserk and kept redrawing as soon as it finished the map and got
> stations printed. Is this a bug or have I screwed something up?

APRSdos REPLY/COMMENT: You may have to restart from scratch depending on
what you upgraded from. Ill check the REDRAW and make sure it aint
broke... ANyone else?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From kb6lfm@ix.netcom.com Wed Sep 25 09:28:49 1996
Received: from dfw-ix5.ix.netcom.com (dfw-ix5.ix.netcom.com [206.214.98.5]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA21220 for <aprssig@tapr.org>; Wed, 25
Sep 1996 09:28:48 -0500 (CDT)

From: kb6lfm@ix.netcom.com
Received: from ala-ca13-25.ix.netcom.com (kb6lfm@ala-ca13-25.ix.netcom.com
[204.32.168.57]) by dfw-ix5.ix.netcom.com (8.6.13/8.6.12) with SMTP id HAA21421
for <aprssig@tapr.org>; Wed, 25 Sep 1996 07:28:15 -0700
Message-ID: <32494128.5129@ix.netcom.com>
Date: Wed, 25 Sep 1996 07:26:48 -0700
X-Mailer: Mozilla 2.01E-NC250 (Win95; U; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5066] Re: SALE STUFF
References: <32489954.4BD7@global2000.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John M Domblewski wrote:
>
> KD4EMI@aol.com wrote:
> >
> > Im in a bit of a pinch and am selling some stuff, if anyone needs this, let
> > me know.
> >
> > Garmin 45 perfect condtion $175 Firm
> > Kenwood TR 7950 (50 watt mobile) $175
> > Kenwood Tr 7900 (30 watt mobile) $150
> > Kam with version 5.0 $175
> >
> > 486sx33 w/ 4M ram and 500 meg HD runs fine, windows etc.
> > With monitor (monitor is a bit old)
> > $300 Firm
> > Please call Mike at 954-974-4153
>
> Mike
>
> What comes with the Garmin 45 besides the unit itself?
>
> John

John..?, I'll take the 7950 if it's still available!

From ku0g@sprynet.com Wed Sep 25 09:34:48 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA21520 for <aprssig@tapr.org>; Wed, 25 Sep 1996
09:34:47 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12)
with SMTP id HAA11450 for <aprssig@tapr.org>; Wed, 25 Sep 1996 07:31:51 -0700
Date: Wed, 25 Sep 1996 07:31:51 -0700
Message-Id: <199609251431.HAA11450@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org

From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:4916] Re: Poor Bob

>
>Some guys are just jealous that they are just a measly county.
>Sam K3BY (almost the only station in Delaware).
>
>
>On Thu, 19 Sep 1996, rwf wrote:
>
>> At 06:15 PM 9/19/96 -0500, Someone from New York City wrote:
>>
>> >   Okay. Here in New York City I normally see stations from:
>> >New Hampshire, Massachusetts, Rhode Island, Connecticuit, New
>> >York, New Jersey, Pennsylvania, Delaware, Maryland and Virginia
>> >not to mention Washington DC. I raise you two states and a
>> >District (hi-hi). 73
>>
>>
>> Here in Grorgia, we have Counties bigger than some of those states.
>> And... I left Kentucky and Mississippi off my original list.
>> hehe
>>
>

Sounds like a bunch of elementary school kids hollering "my dad's bigger
than your dad!" If I added the stations in Nebraska, South Dakota and
Oklahoma that we see once in a long while then we've got more again.

I'll see your 2 states and a district and raise ya 3 states!

<snicker>

73 de Jim, KU0G

From bruninga@nadn.navy.mil Wed Sep 25 09:54:51 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA22237 for <aprssig@tapr.org>; Wed, 25
Sep 1996 09:54:49 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA17619 for <aprssig@tapr.org>; Wed, 25 Sep 1996
10:59:52 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 25 Sep 1996 10:59:51 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: Your APRS Web Page
In-Reply-To: <2.2.32.19960925140543.006cbc0c@neptune.gsfc.nasa.gov>
Message-ID: <Pine.GSO.3.95.960925105807.4668N-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Sep 1996, Robert Kirk wrote:

> Bob... Check your web page. The JAVA data hasn't been reset for a week.

APRSdos REPLY/COMMENT: Sorry folks, the local WIDE is still down, so the
WEB page sees nothing. Just called Public-Works again about when do we
get AC power back at the site... ARGH!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Wed Sep 25 09:57:31 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA22334 for <aprssig@tapr.org>; Wed, 25
Sep 1996 09:57:29 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA18018 for <aprssig@tapr.org>; Wed, 25 Sep 1996
11:02:32 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 25 Sep 1996 11:02:32 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5079] Re: Secondary Freq Ref for 30m
In-Reply-To: <199609251403.KAA02798@smtest.usit.net>
Message-ID: <Pine.GSO.3.95.960925110159.4668O-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Sep 1996, James Kerns wrote:

> Snip ::   Bob I connected to WWW below and get the USNA but can't any APRS
> or you on the page, whjats it under??
>
> >See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

APRSdos REPLY/COMMENT: THat page listed above and below should do it.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From byoung@qni.com Wed Sep 25 10:01:03 1996
Received: from qni.com (qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id KAA22381 for <aprssig@tapr.org>; Wed, 25 Sep 1996 10:01:01 -0500 (CDT)
From: byoung@qni.com
Received: from [206.29.114.71] (s71.qni.com) by qni.com (5.x/SMI-SVR4)
     id AA11945; Wed, 25 Sep 1996 10:02:30 -0500
Date: Wed, 25 Sep 1996 10:02:29 -0500
Message-Id: <9609251502.AA11945@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5083] Re: 7.7b REDRAW bug...???

To: aprssig@tapr.org
In-Reply-To: <Pine.GSO.3.95.960925101757.4668K-100000@arctic>
X-Mailer: SPRY Mail Version: 04.10.06.22

Bob and the group,

I also had this problem *UNTIL* I created new config files. I was
using 7.6f, and experienced the "constant redraw syndrome" after I
performed an upgrade (on both my "-9 laptop" and my QTH computer) to
7.7b. I had seen something on the SIG from someone who said that
creating new config files had resolved a similar problem, so I tried
that route. The problem cleared up right away.

Bill Young
byoung@qni.com
KB0UZQ

On Wed, 25 Sep 1996, Bob Bruninga <bruninga@nadn.navy.mil> wrote:
>On Tue, 24 Sep 1996 ku0g@sprynet.com wrote:
>
>> I enabled REDRAW in my previous version. When I upgraded to 7.7b
the redraw
>> went berserk and kept redrawing as soon as it finished the map and
got
>> stations printed. Is this a bug or have I screwed something up?
>
>APRSdos REPLY/COMMENT: You may have to restart from scratch
depending on
>what you upgraded from. Ill check the REDRAW and make sure it aint
>broke... ANyone else?
>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>

From kb5edb@juno.com Wed Sep 25 10:26:24 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA23383 for <aprssig@tapr.org>; Wed, 25
Sep 1996 10:26:22 -0500 (CDT)
Received: (from kb5edb@juno.com) by x11.boston.juno.com (queuemail)
     id LAB06364; Wed, 25 Sep 1996 11:26:20 EDT
To: aprssig@tapr.org
Subject: Re: 7.7b REDRAW bug...???
Message-ID: <19960925.102442.8135.2.kb5edb@juno.com>
References: <Pine.GSO.3.95.960925101757.4668K-100000@arctic>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1
From: kb5edb@juno.com (David E Eaton)
Date: Wed, 25 Sep 1996 11:26:20 EDT

Have had the same problem just thought it was me, also. Thanks again Bob
for all the hard work.

From blaine@unicomp.net Wed Sep 25 10:55:20 1996
Received: from ns1.unicomp.net (ns1.unicomp.net [199.1.42.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA24388 for <aprssig@tapr.org>; Wed, 25 Sep 1996
10:55:19 -0500 (CDT)
From: blaine@unicomp.net
Received: from front.unicomp.net (front.unicomp.net [199.1.42.8]) by
ns1.unicomp.net (8.7.5/8.7.3) with SMTP id KAA21487 for <aprssig@tapr.org>; Wed,
25 Sep 1996 10:55:25 -0500 (CDT)
Date: Wed, 25 Sep 1996 10:55:25 -0500 (CDT)
Message-Id: <199609251555.KAA21487@ns1.unicomp.net>
X-Sender: blaine@mailhost.unicomp.net (Unverified)
X-Mailer: Windows Eudora Pro Version 2.1.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5070] Re: SALE STUFF

please stop sending me this stuff.

I do not belong to this mailing forum or whatever
bb

At 11:04 PM 9/24/96 -0500, you wrote:
>I spoke to Mike today and he said he terminated his AOL account as of today.
> I purchased the Garmin 45, but most of the other stuff is still available.
> You'll have to call him for more info.
>
>de KF4COH
>Ken in Jax
>
>
>

From snabkey@wingsbbs.com Wed Sep 25 11:25:07 1996
Received: from wingsbbs.com ([206.250.28.2]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id LAA25431 for <aprssig@tapr.org>; Wed, 25 Sep 1996 11:25:05 -0500 (CDT)
Message-Id: <199609251625.LAA25431@tapr.org>
Comments: Authenticated sender is <snabkey@[206.250.28.2]>
From: "Sam Nabkey, WJ8T/P" <snabkey@wingsbbs.com>
To: aprssig@tapr.org
Date: Wed, 25 Sep 1996 12:15:38 -0400
Subject: Re: [APRSSIG:5083] Re: 7.7b REDRAW bug...???
Priority: normal
X-mailer: Pegasus Mail for Windows (v2.23)

On 25 Sep 96 at 9:23, Bob Bruninga wrote:

> On Tue, 24 Sep 1996 ku0g@sprynet.com wrote:
>
> > I enabled REDRAW in my previous version. When I upgraded to 7.7b
> > the redraw went berserk and kept redrawing as soon as it finished
> > the map and got stations printed. Is this a bug or have I screwed
> > something up?

>
> APRSdos REPLY/COMMENT: You may have to restart from scratch
> depending on what you upgraded from. Ill check the REDRAW and make
> sure it aint broke... ANyone else?
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>

Just turn the Redraw Value off and resave the Config file and all is
well again!

From wa8inz@cris.com Wed Sep 25 11:39:44 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA25921 for <aprssig@tapr.org>; Wed, 25
Sep 1996 11:39:43 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id MAA05457; Wed, 25 Sep 1996 12:39:42 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80497.concentric.net [206.173.119.97])
     by cliff.cris.com (8.7.5)
     id MAA13246; Wed, 25 Sep 1996 12:39:40 -0400 (EDT)
Message-ID: <32497C53.10AE@cris.com>
Date: Wed, 25 Sep 1996 11:39:15 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5075] Re: UNPROTO and crippled unregistered software.
References: <7134580825091996/A04964/PDAV01/11A9CA3A1D00*@MHS>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rich Weinkauf x7179 wrote:
>
>
> I've been using APRS on and off for two years now, and finally got serious
> about it and registered my version, bought a Magellan GPS and mounted it in my
> Pathfinder, and have been enjoying the application. And I agree with Bill, let
> the new folks come online and learn for themselves. One look at the Digi
> screen and they'll learn how to set UNPROTO. And they also get a chance to
> experiment- when I first set APRS up, I put in an UNPROTO of RELAY,
> WIDE,WIDE,WIDE,WIDE just to see what happened. I pinged and heard this
> horrible mess all over 145.790. I changed my UNPROTO back to WIDE,WIDE
> immediately, but the point is I got to experiment and hear it for myself.
>
> If I had left it like that and cobbled up the frequency for very long, I'm sure
> a local APRS user would send me a message with a suggestion to change UNPROTO
> to something more reasonable.

>
> Rich Weinkauf, N8QLT

This is exactly what i'm talking about. Here a user admits using APRS for two
years
without registering, don't try to tell me it took that long for that user to make
up
his mind on if he wanted to use APRS or not. Also look at the path he used just to
do some testing (Sure) at other users expense. This would have been prevented if
there was no way for this user to have that type of path.

--

                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
     A BIG HAND FOR THOSE MENTOR VOLUNTEERS

      http://www.concentric.net/~wa8inz

From kb5sej@insolwwb.net Wed Sep 25 11:44:11 1996
Received: from ns.insolwwb.net (root@[206.31.149.200]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA26006 for <aprssig@tapr.org>; Wed, 25 Sep 1996
11:44:10 -0500 (CDT)
Received: from kevinw ([206.31.149.54]) by ns.insolwwb.net (8.7.3/8.7.3) with
ESMTP id LAA10268 for <aprssig@tapr.org>; Wed, 25 Sep 1996 11:35:11 -0500 (CDT)
Message-Id: <199609251635.LAA10268@ns.insolwwb.net>
From: "Kevin Watkins" <kb5sej@insolwwb.net>
To: <aprssig@tapr.org>
Subject: NEWBIE
Date: Wed, 25 Sep 1996 11:42:23 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Lookout... here comes a newbie. Is WinAPRS discussed in this forum? It
appears that DOSAPRS is supported quite well here. How well does DOSAPRS
work under win95? I have been toying with APRS here locally for a few days.
We are heavy into NWS/Skywarn and looking to expand our horizons a little.
We have one WX station getting ready to go online at the local EOC now.
Best wishes to all.

/* Kevin Watkins
    kb5sej@insolwwb.net
    http://www.insolwwwb.net/~respond   */

From JohnLGaf@gnn.com Wed Sep 25 13:03:27 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com

[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA28879 for <aprssig@tapr.org>; Wed, 25 Sep 1996 13:03:26 -0500 (CDT)
Received: from 67-108.client.gnn.com. (67-108.client.gnn.com [205.188.67.108]) by mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id OAA11072 for <aprssig@tapr.org>; Wed, 25 Sep 1996 14:02:52 -0400 (EDT)
Message-Id: <199609251802.OAA11072@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Sep 1996 13:03:01
From: JohnLGaf@gnn.com (John L. Gafford)
To: aprssig@tapr.org
Subject: Trimble Antenna and Garvin 20 GPS

I just got a Trimble antenna from Paccomm and it has a female connector on it - same as is on GPS 20. Any idea where I can get a male-male adapter?

John - N5XAK

From rwf@mindspring.com Wed Sep 25 13:05:02 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA28946 for <aprssig@tapr.org>; Wed, 25 Sep 1996 13:04:57 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by answerman.mindspring.com (8.7.5/8.7.3) with ESMTP id OAA29957 for <aprssig@tapr.org>; Wed, 25 Sep 1996 14:04:52 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id OAA23521 for <aprssig@tapr.org>; Wed, 25 Sep 1996 14:04:50 -0400
Message-Id: <2.2.32.19960925174816.006a42cc@atl.mindspring.com>
X-Sender: rwf@atl.mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Sep 1996 13:48:16 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:5080] UHF Freq.

At 09:20 AM 9/25/96 -0500, KR4OL wrote:
   Is there an active UHF freq. for APRS in the Southeast?

Not that I know of, yet.

We here in the GA area are in the process of selecting one and working with the packet coordinator. The one Bob has suggested before is not in the bandplan for packet in SERA territory.

Ralph

From rwf@mindspring.com Wed Sep 25 13:05:03 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA28949 for <aprssig@tapr.org>; Wed, 25 Sep 1996 13:05:02 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id OAA18600 for <aprssig@tapr.org>; Wed, 25 Sep 1996 14:05:01 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id OAA23562 for <aprssig@tapr.org>; Wed, 25 Sep 1996 14:04:56 -0400
Message-Id: <2.2.32.19960925174821.00691860@atl.mindspring.com>
X-Sender: rwf@atl.mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Sep 1996 13:48:21 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Huntsville Fox Hunters Read This

Sorry for the bandwidth, but I have lost the email address of KE4GNN, who came to GA to pick up the balloon. Please email me so I can get your address again

Tahnks

Ralph
rwf@mindspring.com

From jscalet@dound.net Wed Sep 25 15:38:02 1996
Received: from guitar.sound.net (guitar.sound.net [205.242.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA03706 for <aprssig@tapr.org>; Wed, 25 Sep 1996 15:38:00 -0500 (CDT)
Received: from max3-222.sound.net (max3-222.sound.net [205.242.201.222]) by guitar.sound.net (8.7.6/8.7.4) with SMTP id PAA24433 for <aprssig@tapr.org>; Wed, 25 Sep 1996 15:31:40 -0500 (CDT)
Message-ID: <3249B4B6.590E@dound.net>
Date: Wed, 25 Sep 1996 15:39:50 -0700
From: Joe Scalet <jscalet@dound.net>
X-Mailer: Mozilla 2.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5094] Trimble Antenna and Garvin 20 GPS
References: <199609251802.OAA11072@mail-e2b-service.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John L. Gafford wrote:
>
> I just got a Trimble antenna from Paccomm and it has a female
> connector on it - same as is on GPS 20. Any idea where I can get a
> male-male adapter?
>

> John - N5XAK Don't bother,been there done that, it wasn't worth it. The SMX connector needs a special crimpng tool, Its not available in solder mount. The local electronics supply house had the tool and let me use it. The problem is that it is a fragile connector and I don't believe the GPS-20 will survive too many insertions. Just get a chassis mount BNC for the box the GPS-20 is in and mount it that way. Then put a BNC on your antenna cable. If you get good BNC's the losses will be negligible and you can try different antenna's.
     BTW I really like the PACCOM/Trimble antenna.

From rkramer@vaxxine.com Wed Sep 25 15:49:01 1996
Received: from alpha.vaxxine.com (root@alpha.vaxxine.com [198.53.148.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA04039 for <aprssig@tapr.org>; Wed, 25 Sep 1996 15:48:59 -0500 (CDT)
Received: from slip21.mergetel.com by alpha.vaxxine.com; (5.65/1.1.8.2/18Nov94-1210PM)
     id AA22434; Wed, 25 Sep 1996 16:54:41 -0400
From: rkramer@vaxxine.com (Ronald Kramer)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5076] Re: WX Station goes grey on 7.7b
Date: Wed, 25 Sep 1996 21:47:39 GMT
Message-Id: <3249a84b.70267456@vaxxine.com>
References: <Pine.GSO.3.95.960925093927.4668E-100000@arctic>
In-Reply-To: <Pine.GSO.3.95.960925093927.4668E-100000@arctic>
X-Mailer: Forte Agent .99e/32.227

On Wed, 25 Sep 1996 08:40:24 -0500 (CDT), you wrote:

>On Tue, 24 Sep 1996, Larry Miller wrote:
>
>>   Loaded up 7.7b over the weekend. Now my wx station goes grey. Don't
>> know when (how long) after I start it it greys out, but its happening.
>
>APRSdos REPLY/COMMENT: Argh! That was supposed to have been fixed in
>77a and b. (b which shows itself as 77a in the Help screen and logo).
>Anyone else confirm that it is NOT fixed yet?
>
Bob .. it's ok on my ver of 7.7b mine no longer fades out.....
73

Regards, Ron ...   73 de Ron
         Internet: rkramer@vaxxine.com (Ron Kramer)
         Packet: ve3mx@ve3snp.#niag.on.can (sysop VE3SNP BBS)

From wa8inz@cris.com Wed Sep 25 16:27:41 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA05035 for <aprssig@tapr.org>; Wed, 25 Sep 1996 16:27:39 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id RAA26790; Wed, 25 Sep 1996 17:27:38 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>

Received: from LOCALNAME (cnc801137.concentric.net [206.83.64.137])
     by cliff.cris.com (8.7.5)
     id RAA02071; Wed, 25 Sep 1996 17:27:36 -0400 (EDT)
Message-ID: <3249BFD1.7032@cris.com>
Date: Wed, 25 Sep 1996 16:27:13 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5096] Huntsville Fox Hunters Read This
References: <2.2.32.19960925174821.00691860@atl.mindspring.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

rwf wrote:
>
> Sorry for the bandwidth, but I have lost the email address of KE4GNN, who
> came to GA to pick up the balloon. Please email me so I can get your address
> again
>
> Tahnks
>
> Ralph
> rwf@mindspring.com

Ralph his address is as follows.
rbarnett@traveller.com

--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
     A BIG HAND FOR THOSE MENTOR VOLUNTEERS

      http://www.concentric.net/~wa8inz

From byoung@qni.com Wed Sep 25 17:33:07 1996
Received: from qni.com (qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id RAA06968 for <aprssig@tapr.org>; Wed, 25 Sep 1996 17:33:06 -0500 (CDT)
From: byoung@qni.com
Received: from [206.29.114.68] (s68.qni.com) by qni.com (5.x/SMI-SVR4)
     id AA17379; Wed, 25 Sep 1996 17:34:36 -0500
Date: Wed, 25 Sep 1996 17:34:35 -0500
Message-Id: <9609252234.AA17379@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5092] Re: UNPROTO and crippled unregistered software.
To: aprssig@tapr.org

In-Reply-To: <32497C53.10AE@cris.com>
X-Mailer: SPRY Mail Version: 04.10.06.22

On Wed, 25 Sep 1996, William Nolle <wa8inz@cris.com> wrote:

>This is exactly what i'm talking about. Here a user admits using APRS
>for two years without registering, don't try to tell me it took that
>long for that user to make up his mind on if he wanted to use APRS or
>not. Also look at the path he used just to do some testing (Sure) at
>other users expense. This would have been prevented if there was no
>way for this user to have that type of path.

Bill and the group,

You miss the point! It *DID* take him that long to make up his mind
about using APRS, and when he (finally...) did decide, he registered
just as Bob intended.

Also, take note of the fact that the user tried some "strange stuff",
but caught his own error and learned a few things that he can now pass
on *from his own experience* to new users he helps.

Because Bob has written us such a powerful piece of software, we have
a huge matrix of possible configurations, some of which are "poison".
 Some of those poison configs are known to us, some are not.   Let's
document and share the ones we know about, let's all (registered and
un-registered users alike...) find the ones we don't know about, but
let's not ask Bob to invest his time in "hamstringing" this valuable
tool. We should "self-police" the ranks of APRS just as we do all
other aspects of amateur radio, with courtesy and the deft hand of a
mentor if at all possible.

Bill Young
byoung@qni.com
KB0UZQ

From SARDUCK@aol.com Wed Sep 25 17:37:12 1996
Received: from emout01.mail.aol.com (emout01.mx.aol.com [198.81.11.92]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA07128 for <aprssig@tapr.org>; Wed, 25
Sep 1996 17:37:11 -0500 (CDT)
From: SARDUCK@aol.com
Received: by emout01.mail.aol.com (8.6.12/8.6.12) id SAA20182 for
aprssig@tapr.org; Wed, 25 Sep 1996 18:36:38 -0400
Date: Wed, 25 Sep 1996 18:36:38 -0400
Message-ID: <960925183637_110795847@emout01.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5042] Re: HF APRS Transceiver for $199

Glenn -

Good thought! &

Good deal!! ...only i guess you have to be where marine equipment is not scarce - that leaves out even us on the hard water coast.

really, I'd love one (marine xcver) & watch the boats & marine sigs - got close twice, missed ones in the $150.00 range by minutes. one fellow said he got 125 replies!
so please find some and advise!

Most stuff ive bought for a song has needed the chior to help get it working right -

73
Dan Ka./Chicago!

In a message dated 96-09-23 21:57:24 EDT, you write:

>Why not use a surplus marine transceiver??
>These are cheap at hamfests, especially the xtal controlled units.
>They cover the freq range needed.
>They usually run about 100W.
>The last one I bought cost $10.00.
>
>This seems cheap enough. If you cannot fix it if is broke then a
>reevaluation of the amateur radio qualifications might be in order.
>
>
qualifications, heck, i left all the test gear in the tech school - so id have to put off even the $10.00 xtlcvr till latter then
.....only if the test bench investment has been paid off the credit cards!hihi

From jagrelo@concentric.net Wed Sep 25 17:45:12 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA07241 for <aprssig@tapr.org>; Wed, 25 Sep 1996 17:45:10 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id SAA14028; Wed, 25 Sep 1996 18:45:05 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@concentric.net>
Received: from crc3.pop3.net (cnc059039.concentric.net [206.83.77.39])
     by cliff.cris.com (8.7.5)
     id SAA18161; Wed, 25 Sep 1996 18:44:57 -0400 (EDT)
Message-ID: <3249E129.4180@concentric.net>
Date: Wed, 25 Sep 1996 18:49:29 -0700
From: Joe Agrelo <jagrelo@concentric.net>
Reply-To: concentric.net@concentric.net
Organization: Agrelo Engineering
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5097] Re: Trimble Antenna and Garvin 20 GPS
References: <3249B4B6.590E@dound.net>

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joe Scalet wrote:
>
> John L. Gafford wrote:
> >
> > I just got a Trimble antenna from Paccomm and it has a female
> > connector on it - same as is on GPS 20. Any idea where I can get a
> > male-male adapter?
> >
> > John - N5XAK Don't bother,been there done that, it wasn't worth it. The SMX
> connector needs a special crimpng tool, Its not available in solder
> mount. The local electronics supply house had the tool and let me use it.
> The problem is that it is a fragile connector and I don't believe the
> GPS-20 will survive too many insertions. Just get a chassis mount BNC for
> the box the GPS-20 is in and mount it that way. Then put a BNC on your
> antenna cable. If you get good BNC's the losses will be negligible and
> you can try different antenna's.
>   BTW I really like the PACCOM/Trimble antenna.

Hi,

When I bought my GPS-20 it came with a long line of coax and the correct
connector for the GPS-20, then I bought the Trimble antenna from
PacComm,
I then took the Trible antenna apart and removed the coax with the wrong
connector, I then replaced it with the coax and connector supplied with
the
GPS-20. It works great!

This was my solution, I didn't have to buy or borrow anything extra.
The only draw back was that the coax supplied with the GPS-20 was no
where near as long as the coax supplied with the antenna. Oh well!
can't have everything I guess.

73 De Joe N2OOC (new address & phone effective 8/15)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            Agrelo Engineering
        Joe Agrelo/President
    P.O.Box 231 Pattersonville, NY 12137 USA
          ph (518)864-7551 effective 8/15
         fax (518)864-7553 "   "
     mailto:Jagrelo@cris.com
  WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
     based Doppler, talking products and RF.
   Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From dvelez@infi.net Wed Sep 25 18:45:56 1996
Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA08791 for <aprssig@tapr.org>; Wed, 25 Sep 1996

18:45:55 -0500 (CDT)
Received: from dvelez.infi.net by mh004.infi.net with SMTP
     (Infinet-S-3.3) id TAA10183; Wed, 25 Sep 1996 19:46:02 -0400 (EDT)
Message-ID: <3249C286.5FA8@infi.net>
Date: Wed, 25 Sep 1996 19:38:46 -0400
From: Daniel Velez <dvelez@infi.net>
Reply-To: dvelez@infi.net
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5082] Re: APRS Message HOT keys
References: <Pine.GSO.3.95.960925101146.4668J-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
> APRSdos REPLY/COMMENT: I agree, it would be nice to have more than 10
> lines, but there is no more rooom in APRS. What should I leave out?

Bob, how much memory would be saved if all the LORAN routines were
removed?
Or, how about the DX cluster routines? I don't know anyone who uses
either..perhaps someone using these features could give us an idea...
--
Dan

     Daniel Velez | Aoooga!   Aoooga!
  dvelez@infi.net |
  N4WZR@WD4MIZ.VA | Dive!   Dive!   Dive!

From gnies@rwic.und.edu Wed Sep 25 18:57:07 1996
Received: from oz.rwic.und.edu (oz.rwic.und.edu [134.129.218.21]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA09265 for <aprssig@tapr.org>; Wed, 25 Sep 1996
18:56:47 -0500 (CDT)
Received: from localhost (gnies@localhost) by oz.rwic.und.edu (8.6.8.1/8.6.5) with
SMTP id SAA15475 for <aprssig@tapr.org>; Wed, 25 Sep 1996 18:56:37 -0500
Date: Wed, 25 Sep 1996 18:56:37 -0500 (CDT)
From: "Gerald H. Nies" <gnies@rwic.und.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5081] Re: APRS Message HOT keys
In-Reply-To: <199609251410.JAA00128@bulldog.afsc.k12.ar.us>
Message-ID: <Pine.SGI.3.94.960925184917.15463B-100000@oz.rwic.und.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Sep 1996, J. Scott Ratchford, KC5JGV wrote:

> snip
>
> How about the addition RCM (Radar Coded Message) display on the map
> screen? The data, ASCII text no more than 4K, is a normal weather product
> automatically sent by the WSR-88D NEXRAD systems and is sent out by the
> NWS. Again a useful tool while mobile and especially when storm spotting.

> Something to go Hmmmm about!
>
>
I would also be interested in seeing if the RCM data could be
incorporated. We have the potenetial for a Skywarn/APRS network being
established in our area if it can be. Our National Weather Service office
is really interested!

Just another challenge for Bob and the Brothers Sproul.

Thanks for a great Product guys.

From kk4pm@ix.netcom.com Wed Sep 25 19:13:23 1996
Received: from dfw-ix7.ix.netcom.com (dfw-ix7.ix.netcom.com [206.214.98.7]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA09963 for <aprssig@tapr.org>; Wed, 25
Sep 1996 19:13:21 -0500 (CDT)
Received: from ponty (ely-oh3-18.ix.netcom.com [206.216.59.82]) by dfw-
ix7.ix.netcom.com (8.6.13/8.6.12) with ESMTP id RAA00463; Wed, 25 Sep 1996
17:12:48 -0700
Message-Id: <199609260012.RAA00463@dfw-ix7.ix.netcom.com>
From: "Steve Hall" <kk4pm@ix.netcom.com>
To: <aprssig@tapr.org>, <,kb5sej@insolwwb.net>
Subject: Re: [APRSSIG:5093] NEWBIE
Date: Wed, 25 Sep 1996 20:12:14 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Kevin Watkins <kb5sej@insolwwb.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:5093] NEWBIE
> Date: Wednesday, September 25, 1996 12:56 PM
>
> Lookout... here comes a newbie. Is WinAPRS discussed in this forum? It
> appears that DOSAPRS is supported quite well here. How well does DOSAPRS
> work under win95? I have been toying with APRS here locally for a few
days.
> We are heavy into NWS/Skywarn and looking to expand our horizons a
little.
> We have one WX station getting ready to go online at the local EOC now.
> Best wishes to all.
>
> /* Kevin Watkins
>   kb5sej@insolwwb.net
>   http://www.insolwwwb.net/~respond   */

>

There was another TAPR SIG "winaprs" devoted to the windows version but it doesn't get much traffic.

73, de Steve - KK4PM

From glittle@awod.com Wed Sep 25 19:26:44 1996
Received: from sumter.awod.com (awod.com [198.81.225.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA10311 for <aprssig@tapr.org>; Wed, 25 Sep 1996 19:26:42 -0500 (CDT)
Received: from chs0056.awod.com (chs0056.awod.com [198.81.225.165]) by sumter.awod.com (8.7.6/8.6.12) with SMTP id UAA24345 for <aprssig@tapr.org>; Wed, 25 Sep 1996 20:26:39 -0400 (EDT)
Message-Id: <199609260026.UAA24345@sumter.awod.com>
X-Sender: glittle@awod.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Sep 1996 20:35:58 -0400
To: aprssig@tapr.org
From: Glenn Little <glittle@awod.com>
Subject: Re: [APRSSIG:5068] Re: HF APRS Transceiver for $199

At 10:44 PM 9/24/96 -0500, you wrote:

snip

>If I could find a HF radio for $199 I'd sure consider it for APRS. Maybe
>they don't think there's a market for it because no one is asking. Or not
>enough people are asking.

snip

>
>73,
>
>Roger Sellers
>Amateur Radio: KB9LBU
>E-Mail Home: rsellers@rockford.com
>   kb9lbu@juno.com
>E-Mail Work: rsellers@snds.com
>
>
>
>
>

What is wrong with a surplus 2-30 Mhz marine crystal controlled radio??

They cost about $10.00 at the hamfests.
They require a pair of crystals, another approx $15-25 depending on where you get them.

The cost is now $25-35 for a 100W radio on the frequency that you want it on.

If using HF you are at least a general. The general theory covers transceiver theory and operation, therefore repair of a malfunctioning unit is no problem.

The savings are about $175 over a commercial unit made for the ham bands. The marine unit will be much more rugged than any commercial ham rig.

73
Glenn Little
WB4UIV

From MBoyce1856@aol.com Wed Sep 25 20:05:51 1996
Received: from emout04.mail.aol.com (emout04.mx.aol.com [198.81.11.95]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA11570 for <aprssig@tapr.org>; Wed, 25 Sep 1996 20:05:49 -0500 (CDT)
From: MBoyce1856@aol.com
Received: by emout04.mail.aol.com (8.6.12/8.6.12) id VAA15704 for aprssig@tapr.org; Wed, 25 Sep 1996 21:05:18 -0400
Date: Wed, 25 Sep 1996 21:05:18 -0400
Message-ID: <960925210517_110937770@emout04.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5100] Re: UNPROTO and crippled unregistered software.

Thank God someone came up with an extremely good comment concerning the APRS software package and not making it crippleware! Without experimentation, where would all us be, still using the spark gap?!? Documentation is fine, but what makes sense to one who writes it, doesn't mean that it makes the same sense to one who reads it! Until you've sat at the operators station and listen to the stations he hears (or doesn't hear!), you can't make a valid argument as to why he should not use a wide, wide path. Walk a mile in his shoes before you tell him how to operate his station.

K0COY - Mike Boyce
k0coy@amsat.org

From n4iph@freenet.tlh.fl.us Wed Sep 25 20:07:52 1996
Received: from fn3.freenet.tlh.fl.us (fn3.freenet.tlh.fl.us [204.194.39.250]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA11609 for <aprssig@tapr.org>; Wed, 25 Sep 1996 20:07:49 -0500 (CDT)
Received: (from n4iph@localhost) by fn3.freenet.tlh.fl.us (8.7.6/8.6.9) id VAA28840 for aprssig@tapr.org; Wed, 25 Sep 1996 21:11:12 -0400 (EDT)
From: Phil Ashler <n4iph@freenet.tlh.fl.us>
Message-Id: <199609260111.VAA28840@fn3.freenet.tlh.fl.us>
Subject: APRS info
To: aprssig@tapr.org
Date: Wed, 25 Sep 96 21:11:11 18000
X-Mailer: ELM [version 2.3.1 PL11]

Bob WB4APR

I was asked by another ham in Tallahassee to contact you for information on the APRS shareware registration. He wishes to register his copy of APRS ($24.00) and would like to know what other information/support he would receive by adding the additional $9.00 registration for the weather and $9.00 for the GPS? Any information would be appreciated.   Thanks Phil N4IPH
--

From hwm@netcom.com Wed Sep 25 20:43:41 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom12.netcom.com [192.100.81.124]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA12573 for <aprssig@tapr.org>; Wed, 25 Sep 1996 20:43:36 -0500 (CDT)
Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id SAA00091 for <aprssig@tapr.org>; Wed, 25 Sep 1996 18:45:22 -0700
Date: Wed, 25 Sep 1996 18:45:22 -0700 (PDT)
From: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5106] Re: HF APRS Transceiver for $199
In-Reply-To: <199609260026.UAA24345@sumter.awod.com>
Message-ID: <Pine.LNX.3.95.960925184225.89A-100000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

  Another nice feature of the old xtal marine radios that were fazed out with the channel realignment is that they usually come with a neat remote tuner.

Bob - wd6dod - vessel "Stormy Petrel"

From etjm@ECUA.NET.ec Wed Sep 25 21:07:06 1996
Received: from ecua.net.ec (ecua.net.ec [157.100.1.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA13408 for <aprssig@tapr.org>; Wed, 25 Sep 1996 21:07:02 -0500 (CDT)
Received: from [157.100.1.93] by ecua.net.ec (AIX 4.1/UCB 5.64/4.04)
          id AA48542; Wed, 25 Sep 1996 21:02:05 -0500
Message-Id: <9609260202.AA48542@ecua.net.ec>
X-Sender: etjm@az.pro.ec
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Sep 1996 20:09:30 -0500
To: aprssig@tapr.org
From: etjm@ECUA.NET.ec (Teodoro Jaramillo)
Subject: Re: [APRSSIG:5087] Re: page and ????please

Good evening BOb and all....

I also checked into attempting to see APRS LIVE on youpage but .. got all hanged-up for not having the proper SOFT... JAVA.. SO
THE SIMPLE QUESTION now how where and do I get the proper soft required... and should make me able to link up and see your page and I assume many others which require the JAVA WHICH IS NEW TO ME...(NEWBIE)

any help .. thanks a lot.

TED   HC5K
ECUADOR S.A.

>On Wed, 25 Sep 1996, James Kerns wrote:
>
>> Snip ::   Bob I connected to WWW below and get the USNA but can't any APRS
>> or you on the page, whjats it under??
>>
>> >See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>APRSdos REPLY/COMMENT: THat page listed above and below should do it.
>
>Reply mail addr: wb4apr@amsat.org
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>
>

From tedant@usa.pipeline.com Wed Sep 25 21:09:41 1996
Received: from mailout1.h1.usa.pipeline.com (data1.h1.usa.pipeline.com
[38.8.56.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA13513 for
<aprssig@tapr.org>; Wed, 25 Sep 1996 21:09:39 -0500 (CDT)
Received: from pipe5.t2.usa.pipeline.com by mailout1.h1.usa.pipeline.com
(8.6.9/2.1-PSINet/Pipeline)
     id CAA11339; Thu, 26 Sep 1996 02:09:07 GMT
Received: by pipe5.t2.usa.pipeline.com (8.6.12/SMI-5.4-PSI)
     id CAA18172; Thu, 26 Sep 1996 02:08:45 GMT
Date: Thu, 26 Sep 1996 02:08:45 GMT
Message-Id: <199609260208.CAA18172@pipe5.t2.usa.pipeline.com>
To: aprssig@tapr.org
Subject: APRSDOS & LORAN
From: tedant@usa.pipeline.com (Theodore A. Antanaitis)
X-PipeUser: tedant
X-PipeHub: usa.pipeline.com
X-PipeGCOS: (Theodore A. Antanaitis)
X-Mailer: Pipeline v3.5.0

I may be a minority of one

 BUT

I do use a LORAN set (MicroLogic Mariner) with APRSdos sometimes as a
standalone tracker and other times with an HSP direct feed.

Ted Antanaitis WA7ZZB

[A Registered APRSdos user since ver. 3.05]

From BordingK@aol.com Wed Sep 25 22:05:34 1996

Received: from emout19.mail.aol.com (emout19.mx.aol.com [198.81.11.45]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA15450 for <aprssig@tapr.org>; Wed, 25 Sep 1996 22:05:32 -0500 (CDT)
From: BordingK@aol.com
Received: by emout19.mail.aol.com (8.6.12/8.6.12) id XAA23471 for aprssig@tapr.org; Wed, 25 Sep 1996 23:04:59 -0400
Date: Wed, 25 Sep 1996 23:04:59 -0400
Message-ID: <960925230457_529877829@emout19.mail.aol.com>
To: aprssig@tapr.org
Subject: Radio Shack Weather Stations

Several people in Jacksonville area are considering putting up weather stations in near future. An one how accurate the new RS Wx Stns are? Also has anyone been able to get the output code so they can be added to both DOS APRS and WinAPRS.

I'm not too impressed with my Peet Bros U-2000. It has quite twice before I can even get around to wiring it up for APRS.

de KF4COH
Ken in Jax, FL

From jclakeland@ucdavis.edu Wed Sep 25 22:16:02 1996
Received: from guilder.ucdavis.edu (root@guilder.ucdavis.edu [128.120.8.181]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA15602 for <aprssig@tapr.org>; Wed, 25 Sep 1996 22:15:58 -0500 (CDT)
Received: from DialupEudora by guilder.ucdavis.edu (8.7.5/UCD3.5.9)
     id UAA19731; Wed, 25 Sep 1996 20:15:53 -0700 (PDT)
Message-Id: <199609260315.UAA19731@guilder.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu (Unverified)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Sep 1996 20:17:32 -0800
To: aprssig@tapr.org
From: jclakeland@ucdavis.edu (John Lakeland)
Subject: Docs

Hi all,
        Well thanks to some of you I downloaded APRS77b.ZIP onto my Macintosh and deleted all but the docs and maps. (DOS .exe files are fatally toxic to Macs) The result, most of the info I need and some nice maps which Mac APRS can convert to it's own format, cool. I must say, as a Mac user I would not have been able to guess (as in fact I did not) that most of the documentation I need is gotten this way!
        Anyway I strongly agree that the Doc files from APRS should accompany Mac APRS, and Win APRS. Also I think having a file named APRSDOCS.ZIP (even a legal filename) with just the docs would be very useful. If I had seen such a file I'd have downloaded it long ago. Now at least I have the raw information. However, I still think that a distilled doc intended to help new users of all 3 softwares keep from screwing up would be in all our interests.
        I agree that education is the key to a good network. Hard limits, except for perhaps ones on things that are "NEVER" legitimate, (if there

are such things) are the worst solution. So let's hope that we can get an APRSDOCS.ZIP file posted just everywhere soon and then anyone who asks can get a simple answer "Download APRSDOCS.ZIP and read the files." Meanwhile thanks to all who have helped me.

John Lakeland kc6vlr

From alanwc7r@primenet.com Wed Sep 25 23:26:52 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA17893 for <aprssig@tapr.org>; Wed, 25 Sep 1996 23:26:44 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by mailhost1.primenet.com (8.7.6/8.7.1) with ESMTP id VAA08968 for <aprssig@tapr.org>; Wed, 25 Sep 1996 21:26:43 -0700 (MST)
Received: from primenet.primenet.com (ip216.prc.primenet.com [204.212.56.216]) by primenet.com (8.7.6/8.7.5) with SMTP id VAA07456 for <aprssig@tapr.org>; Wed, 25 Sep 1996 21:26:08 -0700 (MST)
Message-Id: <2.2.32.19960926042627.0068cd20@mailhost.primenet.com>
X-Sender: alanwc7r@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 25 Sep 1996 21:26:27 -0700
To: aprssig@tapr.org
From: "Alan K. Unangst" <alanwc7r@primenet.com>
Subject: APRS / PCMCIA Serial I/O Adapter Problem

>Date: Wed, 25 Sep 1996 18:41:53 -0700
>To: APRSSIG
>From: Mail Delivery Subsystem <MAILER-DAEMON@primenet.com> (by way of "Alan K. Unangst" <alanwc7r@mailhost.primenet.com>)
>Subject: APRS / PCMCIA Serial I/O Adapter Problem
>
>
>Well here is a new problem. The IBM Thinkpad working under Windows95 will
>not let me move the Mwave modem to any other interrupt other than 03 or 04.
>My Com 1 is on 04 and the Mwave,on Com 2, is on 03. APRS will allow only
>come 1 or 2 intrusts be used. I understand that it is a DOS protocol (from Bob).
>
>The PCMCIA I/O adapter is assigning 09 to the PCMCIA serial adapter, on Com 3.
>
>The question is, obviously, how do I get it to work. Four + hours on the
>phone with IBM and 1 + hour on the phone with Socket (I/O manufacturer)
>yielded no results.
>
>Jumping thru all the hoops to disable the internal modem leads to major
>restart problems, that took almost 45 minutes to undo and correct.
>
>So I am doing what I should have done in the begriming, turning it over to
>the real experts.....YOU GUYS....."HHHHEEELLLPPP"
>

>In advance, Thanks, I do appreciate it.
>
>73, Alan
>Alan K. Unangst, WC7R
>Email: alanwc7rprimenet.com
>Packet: WC7R @ KB7FRV
>
>
>
>
Alan K. Unangst, WC7R
E-mail: alanwc7r@primenet.com
Amateur Radio Packet: WC7R @ KB7FRV

From kb5sej@insolwwb.net Wed Sep 25 23:36:53 1996
Received: from ns.insolwwb.net (root@[206.31.149.200]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA18221 for <aprssig@tapr.org>; Wed, 25 Sep 1996
23:36:51 -0500 (CDT)
Received: from Pkb5sej ([206.31.149.63]) by ns.insolwwb.net (8.7.3/8.7.3) with
ESMTP id XAA10497 for <aprssig@tapr.org>; Wed, 25 Sep 1996 23:27:42 -0500 (CDT)
Message-Id: <199609260427.XAA10497@ns.insolwwb.net>
From: "Kevin Watkins" <kb5sej@insolwwb.net>
To: <aprssig@tapr.org>
Subject: Re: Radio Shack Weather Stations
Date: Wed, 25 Sep 1996 23:36:30 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

|
| Several people in Jacksonville area are considering putting up weather
| stations in near future. An one how accurate the new RS Wx Stns are?
Also
| has anyone been able to get the output code so they can be added to both
DOS
| APRS and WinAPRS.
|

Don't know anything about the accuracy but they are made under
AccuWeather's name. I do not see a weather station on AccuWeathers page but
then again I haven't looked at their entire site. They did not respond to
an inquiry about one. www.tandy.com says that the new WX-200 (i think that
is what it is called) will not be ready until 1QTR 97.... even tho the book
says 10/96. If you see/hear different please let me know.

/* Kevin Watkins
    kb5sej@insolwwb.net
    http://www.insolwwb.net/~respond   */

From wa8inz@cris.com Wed Sep 25 23:48:19 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA19465 for <aprssig@tapr.org>; Wed, 25 Sep 1996 23:48:16 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id AAA08494; Thu, 26 Sep 1996 00:48:14 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc802161.concentric.net [206.173.113.161])
     by cliff.cris.com (8.7.5)
     id AAA05787; Thu, 26 Sep 1996 00:48:12 -0400 (EDT)
Message-ID: <324A2714.6953@cris.com>
Date: Wed, 25 Sep 1996 23:47:48 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5113] Docs
References: <199609260315.UAA19731@guilder.ucdavis.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Lakeland wrote:
>
> Hi all,
>   Well thanks to some of you I downloaded APRS77b.ZIP onto my
> Macintosh and deleted all but the docs and maps. (DOS .exe files are
> fatally toxic to Macs) The result, most of the info I need and some nice
> maps which Mac APRS can convert to it's own format, cool. I must say, as a
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> most of the documentation I need is gotten this way!
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> useful. If I had seen such a file I'd have downloaded it long ago. Now at
> least I have the raw information. However, I still think that a distilled
> doc intended to help new users of all 3 softwares keep from screwing up
> would be in all our interests.
>   I agree that education is the key to a good network. Hard limits,
> except for perhaps ones on things that are "NEVER" legitimate, (if there
> are such things) are the worst solution. So let's hope that we can get an
> APRSDOCS.ZIP file posted just everywhere soon and then anyone who asks can
> get a simple answer "Download APRSDOCS.ZIP and read the files." Meanwhile
> thanks to all who have helped me.
>
> John Lakeland kc6vlr

John these are nobel thoughts and would be great if life was this simple, but in reallity those users that are determined to use path's like i have talked about are not about to read anything in the doc directory or they would have

done that in the first place. I know many hams say we have to police ourselfs and that does sound great if it would only works which it doesn't in many cases. So the next step is to force the newcomer to abide by the simple rules set forth in the documentation, and i still stick with the idea that the users that use unregisters versions shouldn't complain about it having a limitation placed in it. Only those that have no intentions of ever registering the software are concerned about this in the first place (And i see many that run it for years without registering), if you have to be that cheap then put up with the limitation.
--

                          \////
                          (0 0)
                    --o0-(_)-0o--
                    wa8inz@amsat.org
                    wa8inz@cris.com
          Check out my dedicated A.P.R.S Web Page.
With i believe the first animated APRS logo located on my Logo Page.
            A BIG HAND FOR THOSE MENTOR VOLUNTEERS

               http://www.concentric.net/~wa8inz

From n8chb@juno.com Thu Sep 26 00:35:55 1996
Received: from x2.boston.juno.com (x2.boston.juno.com [205.231.101.21]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA23343 for <aprssig@tapr.org>; Thu, 26 Sep 1996 00:35:54 -0500 (CDT)
Received: (from n8chb@juno.com) by x2.boston.juno.com (queuemail)
     id BAA00116; Thu, 26 Sep 1996 01:33:42 EDT
To: aprssig@tapr.org
Date: Thu, 26 Sep 1996 04:04:00 PST
Subject: Re: page and ????please
Message-ID: <19960926.040401.7366.0.n8chb@juno.com>
References: <9609260202.AA48542@ecua.net.ec>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-7
From: n8chb@juno.com (Roger Breckon)

Hello Ted,

I copy your WX station HC5K on the map here in Michigan.
Nice to see you this pm.

73

Roger

From wa8inz@cris.com Thu Sep 26 01:28:01 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA26665 for <aprssig@tapr.org>; Thu, 26 Sep 1996 01:27:59 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id CAA04286; Thu, 26 Sep 1996 02:27:56 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80487.concentric.net [206.173.119.87])
     by cliff.cris.com (8.7.5)
     id CAA26987; Thu, 26 Sep 1996 02:27:55 -0400 (EDT)
Message-ID: <324A3E71.488C@cris.com>
Date: Thu, 26 Sep 1996 01:27:29 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS Web Page
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those interested i have placed an animated APRS logo on my webpage, I
believe the first one ever made for APRS Hi. Feel free to use it but
please give credit where credit is due (Not like some). By the way it's
of course on my Logo Page that can be reached from the main page now.
--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
     A BIG HAND FOR THOSE MENTOR VOLUNTEERS

      http://www.concentric.net/~wa8inz

From jratchf@bulldog.afsc.k12.ar.us Thu Sep 26 08:00:38 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA04488 for <aprssig@tapr.org>; Thu, 26 Sep 1996
08:00:35 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us
[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA18194
for <aprssig@tapr.org>; Thu, 26 Sep 1996 08:00:33 -0500
Message-Id: <199609261300.IAA18194@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Modular APRS?
Date: Thu, 26 Sep 1996 07:22:52 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Bob Bruninga wrote:
> > APRSdos REPLY/COMMENT: I agree, it would be nice to have more than 10
> > lines, but there is no more rooom in APRS. What should I leave out?
>

> Bob, how much memory would be saved if all the LORAN routines were
> removed?
> Or, how about the DX cluster routines? I don't know anyone who uses
> either..perhaps someone using these features could give us an idea...
> --
> Dan

Maybe it's time to create a modular APRS system, Bob, in that each user can load that portion that they are interested in vs. the whole program! I don't know if that is possible, but if it were, that would lead to more user specific programs that use less memory while maintaining the integrety of your basic program. Modular parts could be the GPS, SPACE, WX, DX ect. I don't have a need for GPS routines at the QTH! Some more to go Hmmmmm about!

Ideas anyone?

73
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* ARRL * ARES EC * RACES * NAARS, Inc. *
* MVFD/EMS FR * CCL #426 *

From n8chb@tir.com Thu Sep 26 08:49:59 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA06139 for <aprssig@tapr.org>; Thu, 26 Sep 1996 08:49:55 -0500 (CDT)
Received: from n8chb.tir.com (an34liv.tir.com [205.218.84.36]) by tir.com (8.7.5/8.7) with SMTP id JAA24844 for <aprssig@tapr.org>; Thu, 26 Sep 1996 09:44:11 -0400 (EDT)
Message-ID: <324AEC1D.301@tir.com>
Date: Thu, 26 Sep 1996 13:48:29 -0700
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5072] HF STATIONS HEARD IN NE OHIO.
References: <6612_KB8AST@kd4idr.bbs>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

kb8ast@kb8ast.#neoh.oh.usa.noam wrote:

 I have a question, are the hf digi's vertically or horizonally
polarized.
 I would suspect vertical because that would permit the best 360 degree
 pattern. 73, de KB8AST

==========

At the moment mine's a horz dipole at 20 feet.

I have found inverting it works best on aprs.

73

Roger n8chb

From bruninga@nadn.navy.mil Thu Sep 26 08:53:09 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA06209 for <aprssig@tapr.org>; Thu, 26
Sep 1996 08:53:08 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id JAA05757 for <aprssig@tapr.org>; Thu, 26 Sep 1996
09:58:10 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 26 Sep 1996 09:58:10 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Criticism
In-Reply-To: <32497C53.10AE@cris.com>
Message-ID: <Pine.GSO.3.95.960926091902.29540B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Sep 1996, someone criticised a new user:

> Also look at the path (RELAY,WIDE,WIDE,WIDE,WIDE) he used just to
> do some testing (Sure) at other users expense.

APRSdos REPLY/COMMENT: Actually, I think such a limited test is good
proof to anyone how bad that path is. Some self-appointed experts in
some areas (where everyone's a wide) might learn a lot themselves if they
performed such a test too... then it would be to other users "benefit"

Testing is one of the primary tennets of amateur radio. Thats how we
learn...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Thu Sep 26 09:07:02 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA06838 for <aprssig@tapr.org>; Thu, 26
Sep 1996 09:07:00 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA08131 for <aprssig@tapr.org>; Thu, 26 Sep 1996
10:12:03 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 26 Sep 1996 10:12:03 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org

Subject: Re: [APRSSIG:5095] Re: UHF Freq.
In-Reply-To: <2.2.32.19960925174816.006a42cc@atl.mindspring.com>
Message-ID: <Pine.GSO.3.95.960926100154.29540E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Sep 1996, rwf answered someone else's question:

>   Is there an active UHF freq. for APRS in the Southeast?
>
> We here in the GA area are in the process of selecting one and working with
> the packet coordinator. The one Bob has suggested before is not in the
> bandplan for packet in SERA territory.

APRSdos REPLY/COMMENT: The suggested 445.925 was suggested exactly be
cause it was *not* in the packet bandplan, or more accurately, because it
was in the FM simplex area. It was not suggested as a backbone frequency,
it was suggested as an APRS calling frequency. With the APRS MicEncoder,
this is a valid argument.... A place where all mobiles can "talk" or
"ping" their position while they drive so that others will see them.

I suggest getting STANDARD Packet channels where backbones or trunks are
desired, but for an AREA WIDE MOBILE APRS "calling" channel, I suggest
asking for an FM simplex channel...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From jm1@webspan.net Thu Sep 26 09:13:32 1996
Received: from mail2.webspan.net (mail2.webspan.net [206.154.70.7]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA06952 for <aprssig@tapr.org>; Thu, 26 Sep 1996
09:13:31 -0500 (CDT)
Received: from orion.webspan.net (root@orion.webspan.net [206.154.70.41])
       by mail2.webspan.net (8.7.5/8.7.3) with ESMTP id KAA10239
       for <aprssig@tapr.org>; Thu, 26 Sep 1996 10:13:31 -0400 (EDT)
Received: from [38.26.47.193] (ip193.stamford2.ct.interramp.com [38.26.47.193])
          by orion.webspan.net (8.7.5/8.6.12) with SMTP id KAA04870
          for <aprssig@tapr.org>; Thu, 26 Sep 1996 10:13:21 -0400 (EDT)
Message-Id: <v01510100ae70070df50e@[38.26.47.145]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Sep 1996 10:14:40 +0000
To: aprssig@tapr.org
From: jm1@webspan.net (Jay Millard)
Subject: Re: [APRSSIG:5112] Radio Shack Weather Stations

Ken recently wrote:

<snip for bandwith police>

>I'm not too impressed with my Peet Bros U-2000. It has quite twice before I
>can even get around to wiring it up for APRS.
>

>de KF4COH
>Ken in Jax, FL

I purchased a Peet Bros U-2000 and had the display quit on me for reasons unknown. It took one call to Peet (800 number toll free, I LIKE that) and a new one was on it's way. It has been working fine for almost a year. It's a unit, based on my experience that I would recommend to anyone, even bought one for a friend in the UK (Peet wired it for 220v, no charge).

73 de Jay

Jay Millard
Harmill Communications Inc.
** Amateur Radio Station KD1LY **
Darien, Connecticut 06820

From sproul@ap.org Thu Sep 26 09:15:44 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA06996 for <aprssig@tapr.org>; Thu, 26 Sep 1996 09:15:42 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
     id KAA06812; Thu, 26 Sep 1996 10:10:31 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007800ae7039b5d5db@[165.1.27.20]>
In-Reply-To: <199609251635.LAA10268@ns.insolwwb.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Sep 1996 09:48:35 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5093] NEWBIE

>Lookout... here comes a newbie. Is WinAPRS discussed in this forum? It
>appears that DOSAPRS is supported quite well here. How well does DOSAPRS
>work under win95? I have been toying with APRS here locally for a few days.
>We are heavy into NWS/Skywarn and looking to expand our horizons a little.
>We have one WX station getting ready to go online at the local EOC now.
>Best wishes to all.
>
>/* Kevin Watkins
>   kb5sej@insolwwb.net
>   http://www.insolwwwb.net/~respond   */

Yes WinAPRS is supported and disscussed here, many of the topics are related to dosAPRS, MacAPRS and WinAPRS all at the same time, of course many of the questions are specific to a version. The Mac version and Windows versions are VERY similar and based on the same code.

You can also direct specfic questions directly to myself and Keith (ksproul@noc.rutgers.edu) if you like as well.

Mark Sproul
(author of WinAPRS)

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From bruninga@nadn.navy.mil Thu Sep 26 09:52:08 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA08283 for <aprssig@tapr.org>; Thu, 26 Sep 1996 09:52:07 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA13442 for <aprssig@tapr.org>; Thu, 26 Sep 1996 10:57:09 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 26 Sep 1996 10:57:09 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5103] Re: APRS Message HOT keys
In-Reply-To: <3249C286.5FA8@infi.net>
Message-ID: <Pine.GSO.3.95.960926105454.29540O-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Sep 1996, Daniel Velez wrote:

> How much memory would be saved if LORAN were removed? *** None

> Or, how about the DX cluster routines?

APRSdos REPLY/COMMENT: Removing DX would gain about 2 more pages of monitored posits from everyone... But It is so cute, I hate to remove it.. But will eventually...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Thu Sep 26 10:04:14 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA08814 for <aprssig@tapr.org>; Thu, 26 Sep 1996 10:04:13 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id LAA15086; Thu, 26 Sep 1996 11:09:12 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 26 Sep 1996 11:09:12 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: William Nolle <wa8inz@cris.com>
cc: aprssig@tapr.org
Subject: "Big Brother BOB"
In-Reply-To: <324A2714.6953@cris.com>
Message-ID: <Pine.GSO.3.95.960926110342.29540R-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Actually, Bill has made a good point, (and a few enemies, hi hi).

I am beginning to think that putting in a WIDE,WIDE,WIDE and
GATE,GATE filter in the code while a person is still a "newuser" wouldn't
really hurt serious users of the networks...

Ill check with Sproul Bros too...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From lmkeeran@rs6000.cmp.ilstu.edu Thu Sep 26 10:10:41 1996
Received: from rs6000.cmp.ilstu.edu (root@rs6000.cmp.ilstu.edu [138.87.1.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA09028 for <aprssig@tapr.org>; Thu, 26
Sep 1996 10:10:38 -0500 (CDT)
Received: from i0517009.adm.ilstu.edu by rs6000.cmp.ilstu.edu (AIX 4.1/UCB
5.64/4.03)
          id AA107108; Thu, 26 Sep 1996 10:10:28 -0500
Message-Id: <v03007803ae704cbd3cd5@[138.87.2.109]>
In-Reply-To: <199609261300.IAA18194@bulldog.afsc.k12.ar.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Sep 1996 10:11:34 -0500
To: aprssig@tapr.org
From: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>
Subject: Re: [APRSSIG:5119] Modular APRS?

On Thu, 26 Sep 1996 08:06 J. Scott Ratchford, KC5JGV said:

>Maybe it's time to create a modular APRS system, Bob, in that each user
>can load that portion that they are interested in vs. the whole program! I

Good idea. The protocal algorithm is the key and as long as it isn't
modified the modules would satisfy each interest. Of course, Bob would be
worn out doing "everyones" desires.

/\
 Larry M. Keeran K9ORP   IS Data Processing Equip Tech k9orp@amsat.org
 EC McLean Co-CIPRUS,Inc-PresCIRC-VP QCWA-Life ARRL-APRSM-APRS-TAPR#762
\/\

From sdimse@bridge.net Thu Sep 26 10:28:00 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA09521 for <aprssig@tapr.org>; Thu, 26 Sep 1996
10:27:58 -0500 (CDT)
Received: from (hd07-102.compuserve.com [199.174.216.102]) by bridge.net
(8.7.5/8.7.3) with SMTP id LAA22108 for <aprssig@tapr.org>; Thu, 26 Sep 1996
11:23:46 -0400 (EDT)
Message-Id: <199609261523.LAA22108@bridge.net>
Subject: Re: [APRSSIG:5034] Re: unproto
Date: Thu, 26 Sep 96 08:27:53 -0700
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>> I would like to see Bob add a new feature to the software so when a
>> person is Keyboarding Locally within 10 or 20 miles of their digi
>> that it would be imposible to have any wides in your unproto path.
>
>APRSdos REPLY/COMMENT: APRS could doubtfully be that smart. How could it
>know that the person was local? In California you can cover 150 miles in
>one hop via a mountain top digipeater. In florida, you are lucky to talk
>25 miles..
>
But why couldn't it look at the Digi path, see it was hearing the other
station (say on one wide), and remove any other wides, gates, etc from
the path. That should be do-able.

Steve KO4HD

From paulc@cyclades.com Thu Sep 26 10:54:47 1996
Received: from MediaCity.com (root@easy1.mediacity.com [205.216.172.10]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA10296 for <aprssig@tapr.org>; Thu, 26
Sep 1996 10:54:42 -0500 (CDT)
Received: from tech (easyfm.mediacity.com [205.216.172.145]) by MediaCity.com
(8.6.11/8.6.9) with SMTP id IAA15439 for <aprssig@tapr.org>; Thu, 26 Sep 1996
08:51:03 -0700
Sender: paul@MediaCity.com
Message-ID: <324AA731.47B6241F@cyclades.com>
Date: Thu, 26 Sep 1996 08:54:25 -0700
From: Paul Christenson <paulc@cyclades.com>
Organization: Cyclades Corporation
X-Mailer: Mozilla 3.0 (X11; U; Linux 2.0.6 i586)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5107] Re: UNPROTO and crippled unregistered software.
References: <960925210517_110937770@emout04.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

MBoyce1856@aol.com wrote:

>
> Without experimentation, where would all us be, still using the spark
> gap?!?

Nah... still using CW!

--


```
         +-----------------------------------------------------+
         | Technical Support Engineer, Cyclades Corporation    |
         | 800/88-CYCLADES (882-9252) or (510)770-9727, x258   |
         | Maker of High Performance Multiport Serial Cards    |
         | Unsolicited mail ads subject to a $25 handling fee  |
         +-----------------------------------------------------+
```


From wa8inz@cris.com Thu Sep 26 11:44:24 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA12229 for <aprssig@tapr.org>; Thu, 26
Sep 1996 11:44:23 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id MAA12180; Thu, 26 Sep 1996 12:44:22 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc802113.concentric.net [206.173.113.113])
     by cliff.cris.com (8.7.5)
     id MAA02063; Thu, 26 Sep 1996 12:44:20 -0400 (EDT)
Message-ID: <324ACF02.79D4@cris.com>
Date: Thu, 26 Sep 1996 11:44:18 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5128] Re: unproto
References: <199609261523.LAA22108@bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:
>
> >> I would like to see Bob add a new feature to the software so when a
> >> person is Keyboarding Locally within 10 or 20 miles of their digi
> >> that it would be imposible to have any wides in your unproto path.
> >>
> >APRSdos REPLY/COMMENT: APRS could doubtfully be that smart. How could it
> >know that the person was local? In California you can cover 150 miles in
> >one hop via a mountain top digipeater. In florida, you are lucky to talk
> >25 miles..
> >
> But why couldn't it look at the Digi path, see it was hearing the other
> station (say on one wide), and remove any other wides, gates, etc from
> the path. That should be do-able.
>

> Steve KO4HD

Good idea Steve!. Your right The software already knows if you are
hearing the direct or not.
--

                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
     A BIG HAND FOR THOSE MENTOR VOLUNTEERS

      http://www.concentric.net/~wa8inz

From mulveyr@frontiernet.net Thu Sep 26 11:58:18 1996
Received: from mail.frontiernet.net (mulveyr@mail.frontiernet.net [204.168.13.10])
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA12613 for <aprssig@tapr.org>; Thu,
26 Sep 1996 11:58:16 -0500 (CDT)
Received: (from mulveyr@localhost) by mail.frontiernet.net (8.7.5/8.7.3) id
MAA36122 for aprssig@tapr.org; Thu, 26 Sep 1996 12:58:14 -0400
From: Richard Mulvey <mulveyr@frontiernet.net>
Message-Id: <199609261658.MAA36122@mail.frontiernet.net>
Subject: Re: [APRSSIG:5120] Re: HF STATIONS HEARD IN NE OHIO.
To: aprssig@tapr.org
Date: Thu, 26 Sep 1996 12:58:14 -0400 (EDT)
In-Reply-To: <324AEC1D.301@tir.com> from "Roger Breckon" at Sep 26, 96 09:02:09 am
X-Mailer: ELM [version 2.4 PL25]
Content-Type: text

>
> kb8ast@kb8ast.#neoh.oh.usa.noam wrote:
>
>
> I have a question, are the hf digi's vertically or horizonally
> polarized.
> I would suspect vertical because that would permit the best 360 degree
> pattern. 73, de KB8AST
>

Polarization at HF is irrelevant, especially after the first skip.
The reflection off of the atmosphere will change the polarization in
a fashion that you'll never be able to predict. :-)

- Rich

From byoung@qni.com Thu Sep 26 12:49:28 1996
Received: from qni.com (qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id MAA14262 for <aprssig@tapr.org>; Thu, 26 Sep 1996 12:49:27 -0500 (CDT)
From: byoung@qni.com
Received: from [206.29.114.88] (s88.qni.com) by qni.com (5.x/SMI-SVR4)
     id AA03062; Thu, 26 Sep 1996 12:50:56 -0500

Date: Thu, 26 Sep 1996 12:50:55 -0500
Message-Id: <9609261750.AA03062@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5126] "Big Brother BOB"
To: aprssig@tapr.org
In-Reply-To: <Pine.GSO.3.95.960926110342.29540R-100000@arctic>
X-Mailer: SPRY Mail Version: 04.10.06.22

On Thu, 26 Sep 1996, Bob Bruninga <bruninga@nadn.navy.mil> wrote:
>Actually, Bill has made a good point, (and a few enemies, hi hi).
>
Bob and the group,

Regarding Bill Nolle: Nah, he hasn't made any enemies that I'm aware of! I simply disagree with him on this point. I'm glad that Bill is out there and obviously read his postings along with the postings of all my fellow APRSers (sorting the good from the bad :^)...).

Regarding any decision on adding/deleting "features" to DOS-APRS, that's Bob's to make. I can choose to "update" to the newer version or not. I'm aware of many people that have stayed at an earlier release just so they don't get "reminded" not to digipeat onto HF! (Not me! I'm on the "bleeding" edge running 7.7b!!)

Bill Young
byoung@qni.com
KB0UZQ

From bbliss@juno.com Thu Sep 26 13:38:14 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA16105 for <aprssig@tapr.org>; Thu, 26 Sep 1996 13:38:12 -0500 (CDT)
Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
     id OAA07593; Thu, 26 Sep 1996 14:37:38 EDT
To: aprssig@tapr.org
Cc: wb4apr@amsat.org
Subject: APRS/AMSAT VHF FREQ
Message-ID: <19960926.113712.2287.0.bbliss@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-5,7-47,49,51-52,54-55,57-64
From: bbliss@juno.com (William B. Bliss)
Date: Thu, 26 Sep 1996 14:37:38 EDT

ATTN Bob/WB4APR and sig readers;

   Following msg just received from our local NCPA President, (Northern Calif Packet Assoc.) and forwarding to sig for info, and consideration at the earliest..... .

Quote: ...   Date: 26-Sep 02:23...

There is a rumor going around, apparently founded on good info.
that AMSAT no longer needs their 144.3-144.5 satellite segment.
The NCPA is in the process of verifying this with AMSAT. If true,
the plan is for the NCPA to allocate it for digital use. The information
is coming from the NFCC (National Frequency Coordinator's Council)
via their remailer.

Now, as APRS representatives on the NCPA board, I wanted to give you
the earliest opportunity to discuss (among the APRS folks) the following
comment from one of the NFCC higher-ups....

>From: WhitBrown@aol.com
>Date: Wed, 25 Sep 1996 17:58:04 -0400
>To: coordinators@cs.tamu.edu
>Subject: Re: lower 2 meter Satellite segment

[snip]
>I suggest that this might be an
>excellent opportunity to ask the APRS troops to consider QSY'ing from
>145.79 to somewhere in the vacated 144.3-144.5 segment, perhaps 144.49
> (or even .47 or .48)?.
>
> 73, Whit

In this region, APRS is currently assigned 145.01, while 145.79 is
allocated for BBS LAN use. If 144.3-144.5 is becoming available, I
don't see any problem moving APRS as Whit suggests. This is a chance
for APRS to have at least one nation-wide, two-meter frequency... and
possibly another one (at least in this region).

As more information comes in, I'll post a message to the whole NCPA
board. However I wanted you to have a chance to consult the rest of
your APRS friends as soon as possible... just in case.
    73, Gary WB6YRU@NOARY.#NCS.CA.USA.NOAM

UNQUOTE.....

      For a NATIONAL RECOGNIZED dedicate APRS frequency , we need the
coordination and agreement of all the APRS users in the U.S.
     For many a costly move, with 20-25 digipeaters in our area alone,
quite
a cost to change frequencies, buy new crystals, etc.. Lots of
considerations
everywhere but we should at least ask for a specific frequency right now
and be held for us , and then all agree to move. If want to stay on
145.79
then give up the new requested frequency later.
      Comments and suggestions from all, now is the time to act on a
specific
dedicated frequency. From Here to Eternity... hi...

         Someone close to AMSAT should confirm release of 144.3-5 VHF...

73's & Enjoy, Bill/WB6LPG Rep for APRS with local Calif NCPA
NNNN

From ttyamada@CCGATE.HAC.COM Thu Sep 26 14:36:21 1996
Received: from igate1.hac.com (igate1.HAC.COM [192.48.33.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA17757 for <aprssig@tapr.org>; Thu, 26 Sep 1996
14:36:19 -0500 (CDT)
From: ttyamada@CCGATE.HAC.COM
Received: from ises01.ES.HAC.COM ([147.16.5.2]) by igate1.hac.com (4.1/SMI-4.1)
     id AA21312; Thu, 26 Sep 96 12:35:51 PDT
Received: by ises01.ES.HAC.COM; id AA00455; Thu, 26 Sep 1996 12:35:46 -0700
Received: from cc:Mail by CCGATE.HAC.COM
     id AA843766584; Thu, 26 Sep 96 12:17:02 PST
Date: Thu, 26 Sep 96 12:17:02 PST
Encoding: 25 Text
Message-Id: <9608268437.AA843766584@CCGATE.HAC.COM>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5130] Re: unproto

     If this is implemented, remember to put in a override
     feature for those times you want another person
     farther away to see your message.
     (like in a keyboard round-table)
     Ted..

_____ Reply Separator _____
Subject: [APRSSIG:5130] Re: unproto
Author: aprssig@tapr.org at CCGATE
Date: 9/26/96 10:19 AM

  >>> clipped <<<<
> >
> But why couldn't it look at the Digi path, see it was hearing the other
> station (say on one wide), and remove any other wides, gates, etc from
> the path. That should be do-able.
>
> Steve KO4HD

Good idea Steve!. Your right The software already knows if you are
hearing the direct or not.
     --
       >>> clipped <<<<

From wa8inz@cris.com Thu Sep 26 14:49:44 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA18176 for <aprssig@tapr.org>; Thu, 26
Sep 1996 14:49:42 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))

```
     id PAA15082; Thu, 26 Sep 1996 15:49:38 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc000082.concentric.net [206.173.121.82])
     by cliff.cris.com (8.7.5)
     id PAA05485; Thu, 26 Sep 1996 15:49:35 -0400 (EDT)
Message-ID: <324AFA6C.2966@cris.com>
Date: Thu, 26 Sep 1996 14:49:32 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5133] APRS/AMSAT VHF FREQ
References: <19960926.113712.2287.0.bbliss@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William B. Bliss wrote:
>
> ATTN Bob/WB4APR and sig readers;
>

------- Heavy Snip ----------

>          Someone close to AMSAT should confirm release of 144.3-5 VHF...
>
>     73's & Enjoy,  Bill/WB6LPG  Rep for APRS with local Calif NCPA
> NNNN
>

I would be for this even though 145.790 is my coordinated digi frequency.
Here's a chance for the weather folks Skywarn, Ares etc to have a freq
for community weather service!

--
                     \////
                     (0 0)
                *--o0-(_)-0o--*
                wa8inz@amsat.org
                wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
     A BIG HAND FOR THOSE MENTOR VOLUNTEERS

      http://www.concentric.net/~wa8inz

From ep@eyephrase.com Thu Sep 26 15:35:00 1996
Received: from wind.hurricane.net (root@wind.hurricane.net [199.217.78.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA19648 for <aprssig@tapr.org>; Thu, 26
Sep 1996 15:34:56 -0500 (CDT)
Received: from default (ip-brm-51.hurricane.net [199.217.78.151]) by
wind.hurricane.net (8.7.4/8.6.12) with ESMTP id NAA08027 for <aprssig@tapr.org>;
Thu, 26 Sep 1996 13:24:01 -0700 (PDT)
```

Message-Id: <199609262024.NAA08027@wind.hurricane.net>
From: "Tom Devine" <ep@eyephrase.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5120] Re: HF STATIONS HEARD IN NE OHIO.
Date: Thu, 26 Sep 1996 13:34:45 -0700
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> I have a question, are the hf digi's vertically or horizonally
> polarized.
> I would suspect vertical because that would permit the best 360 degree
> pattern. 73, de KB8AST
>
> ==========
>
> At the moment mine's a horz dipole at 20 feet.
> I have found inverting it works best on aprs.
> Roger n8chb
>

I suspect it's a matter of station preferences, not to mention budget! I myself use one of two antennas, a dipole and a R-7. The dipole is much, much quieter allowing for more signals to clear the Pk232 I use. However, as the next solar cycle takes off I'm sure the R-7 will see more use. It has a (unmeasured, and only a theory) better take off angle than the dipole I use. Like I said, just a matter of personal preferences...

73!
Tom, KC7DRX
Seattle/Bremerton WA
PACNWEST APRS Member

Check out the PACNWEST home page at:
http://hurricane.net/~eyephrase/aprs.htm

From rwf@mindspring.com Thu Sep 26 16:37:11 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA21657 for <aprssig@tapr.org>; Thu, 26 Sep 1996 16:37:10 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id RAA28873 for <aprssig@tapr.org>; Thu, 26 Sep 1996 17:37:05 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com

[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id RAA05147 for <aprssig@tapr.org>; Thu, 26 Sep 1996 17:37:04 -0400
Message-Id: <2.2.32.19960926214045.006d5514@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Sep 1996 17:40:45 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:5133] APRS/AMSAT VHF FREQ

At 01:50 PM 9/26/96 -0500, William Bliss wrote:

>Now, as APRS representatives on the NCPA board, I wanted to give you
>the earliest opportunity to discuss (among the APRS folks) the following
>comment from one of the NFCC higher-ups....
>
>>From: WhitBrown@aol.com
>>Date: Wed, 25 Sep 1996 17:58:04 -0400
>>To: coordinators@cs.tamu.edu
>>Subject: Re: lower 2 meter Satellite segment
>

I am following that discussion. It has been a bit confusing, because of typos being made. As a matter of fact, the message that was quoted here has already been questioned where it was originally posted because the frequencies it suggests are used for SHUTTLE/MIR UPLINK!

Here is a quote from someone on the Coordinator's Remailer list:

"But, 144.47 and 144.49 are currently used as Space Shuttle uplinks. 144.49 is the standard packet uplink, and 144.47 is an alternate voice uplink when a combined Shuttle/Mir operation is underway (such as right now)."

end quote

Let's not confuse the issue even more (yet)

From srbible@gnatnet.net Thu Sep 26 17:18:07 1996
Received: from rupe.gnatnet.net (root@rupe.gnatnet.net [206.30.198.8]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA22636 for <aprssig@tapr.org>; Thu, 26 Sep 1996 17:18:06 -0500 (CDT)
Received: from avatar.eagnet.com (dialup89.gnatnet.net [206.30.198.189]) by rupe.gnatnet.net (8.6.13/8.6.12) with SMTP id SAA13792 for <aprssig@tapr.org>; Thu, 26 Sep 1996 18:18:31 -0400
Message-Id: <1.5.4.32.19960926221819.006a0d04@gnatnet.net>
X-Sender: srbible@gnatnet.net
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Sep 1996 18:18:19 -0400
To: aprssig@tapr.org
From: "Steven R. Bible" <srbible@gnatnet.net>
Subject: WinAPRS Can't load serial dlls msg

I have been trying to get WinAPRS to work on a laptop 486SL. I keep getting the message "Requires Serial DLLs" on the opening dialog box. As a consequence I can't get GPS NMEA to input to the program and plot. I've installed WinAPRS per the instructions. What am I doing wrong?

Thanks,

 - Steve, N7HPR

srbible@gnatnet.net
n7hpr@amsat.org
n7hpr@tapr.org

From wa8inz@cris.com Thu Sep 26 17:25:00 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA22863 for <aprssig@tapr.org>; Thu, 26 Sep 1996 17:24:59 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id SAA16740; Thu, 26 Sep 1996 18:24:58 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc802131.concentric.net [206.173.113.131])
     by cliff.cris.com (8.7.5)
     id SAA08387; Thu, 26 Sep 1996 18:24:56 -0400 (EDT)
Message-ID: <324B1ED5.63A2@cris.com>
Date: Thu, 26 Sep 1996 17:24:53 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5134] Re: unproto
References: <9608268437.AA843766584@CCGATE.HAC.COM>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ttyamada@CCGATE.HAC.COM wrote:
>
>
>   If this is implemented, remember to put in a override
>   feature for those times you want another person
>   farther away to see your message.
>   (like in a keyboard round-table)
>   Ted..
>
> _____________________________ Reply Separator _____________________________

> Subject: [APRSSIG:5130] Re: unproto
> Author: aprssig@tapr.org at CCGATE
> Date: 9/26/96 10:19 AM
>
>   >>> clipped <<<<
> > >
> > But why couldn't it look at the Digi path, see it was hearing the other
> > station (say on one wide), and remove any other wides, gates, etc from
> > the path. That should be do-able.
> >
> > Steve KO4HD
>
> Good idea Steve!. Your right The software already knows if you are
> hearing the direct or not.
>   --
>   >>> clipped <<<<

O YES THAT MAKES A WHOLE LOT OS SENSE!!!
--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
     A BIG HAND FOR THOSE MENTOR VOLUNTEERS

      http://www.concentric.net/~wa8inz

From ku0g@sprynet.com Thu Sep 26 17:34:09 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA23163 for <aprssig@tapr.org>; Thu, 26 Sep 1996
17:34:07 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.182.74] (dd25-074.compuserve.com [199.174.182.74]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id PAA28850 for <aprssig@tapr.org>; Thu,
26 Sep 1996 15:31:10 -0700
Date: Thu, 26 Sep 1996 15:31:10 -0700
Message-Id: <199609262231.PAA28850@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5133] APRS/AMSAT VHF FREQ
To: aprssig@tapr.org
In-Reply-To: <19960926.113712.2287.0.bbliss@juno.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

Don't the Canadian boys operate APRS somewhere in the 144.3 - 144.5 area? It
would seem that this would also be a way to have MORE than just a US frequency,
but a CONTINENTAL standard! Wonder if that would be workable down in Central or
South America, too? PLANETARY????? (maybe that's too much)
Best 73,

Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From aa7ya@juno.com Thu Sep 26 17:48:26 1996
Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA23644 for <aprssig@tapr.org>; Thu, 26
Sep 1996 17:48:25 -0500 (CDT)
From: aa7ya@juno.com
Received: (from aa7ya@juno.com) by x3.boston.juno.com (queuemail)
     id SAA02481; Thu, 26 Sep 1996 18:17:18 EDT
To: aprssig@tapr.org
Subject: Thanks for the good times
Message-ID: <19960926.154220.5383.0.aa7ya@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-38
Date: Thu, 26 Sep 1996 18:17:18 EDT

Hello to the SIG,

Well, I think that I have had my fill of the SIG, and got to know
quite a few along the way, albeit, no one was willing to answer
any of my questions, just alot of T-Shirt promotions, "Poor Bob!"
"My location see's more than your location" type of messages,
and nothing geared toward the NEWBIE. Although, I did stick
around long enough after the fact that I did ask if there was
anyone on the SIG that would share what they have learned
with APRS to a NEWBIE like myself. I think the APRS SIG is
for the most part, a bunch of guys rubbing elbows with each
other, "good 'ol boy" back slapping, and if you happen to be a
JUNO customer, you were the scum of the earth, and shunned
for being one. I know a few bad things about some of the other
services that are out there, but you never saw any mention of it
from *this* user.

I thought that maybe if I did get some questions answered that
perhaps that it would help me in getting some users interested
in APRS in my immediate area.

Apparently, my take is this, I would try in my best judgement, add
some constructive thought, but for the most part, stayed off on the
sidelines, since I know very little of APRS, but no one was willing,
even as Bill Nolle calls a "Mentor", to lead/help me to a better
understanding of APRS. So, I guess I will go back to working on
my JNOS BBS system, building packet networks, or in other
words, moving on to something that I take more enjoyment, and
pride in doing, and not pulling my hair out to the root because I
don't quite grasp APRS, though I was patient to learn, but didn't
get any help when I wanted.

So with that, I bid everyone farewell, and thanks for allowing me
to express my feelings about this SIG.

Stacey, aa7ya@juno.com

** Hailing frequency off **

From wa8inz@cris.com Thu Sep 26 17:58:10 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA23789 for <aprssig@tapr.org>; Thu, 26
Sep 1996 17:58:08 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id SAA22931; Thu, 26 Sep 1996 18:58:06 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc802131.concentric.net [206.173.113.131])
     by cliff.cris.com (8.7.5)
     id SAA16284; Thu, 26 Sep 1996 18:58:03 -0400 (EDT)
Message-ID: <324B2698.78C2@cris.com>
Date: Thu, 26 Sep 1996 17:58:00 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5137] Re: APRS/AMSAT VHF FREQ
References: <2.2.32.19960926214045.006d5514@mindspring.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

rwf wrote:
>
> At 01:50 PM 9/26/96 -0500, William Bliss wrote:
>
> >Now, as APRS representatives on the NCPA board, I wanted to give you
> >the earliest opportunity to discuss (among the APRS folks) the following
> >comment from one of the NFCC higher-ups....
> >
> >>From: WhitBrown@aol.com
> >>Date: Wed, 25 Sep 1996 17:58:04 -0400
> >>To: coordinators@cs.tamu.edu
> >>Subject: Re: lower 2 meter Satellite segment
> >
>
> I am following that discussion. It has been a bit confusing, because of
> typos being made. As a matter of fact, the message that was quoted here has
> already been questioned where it was originally posted because the
> frequencies it suggests are used for SHUTTLE/MIR UPLINK!
>
> Here is a quote from someone on the Coordinator's Remailer list:
>
> "But, 144.47 and 144.49 are currently used as Space Shuttle uplinks. 144.49
> is the standard packet uplink, and 144.47 is an alternate voice uplink when a
> combined Shuttle/Mir operation is underway (such as right now)."
>

> end quote
>
> Let's not confuse the issue even more (yet)

Now i'm totally confused, the person that posted that message never mentioned the frequency you are talking about (Right). He was talking about 144.3-5 why are you confusing the issue by adding 144.47 and 144.49 ?????

--

                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
     A BIG HAND FOR THOSE MENTOR VOLUNTEERS

      http://www.concentric.net/~wa8inz

From alanwc7r@primenet.com Thu Sep 26 18:33:00 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA24986 for <aprssig@tapr.org>; Thu, 26 Sep 1996 18:32:53 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by mailhost1.primenet.com (8.7.6/8.7.1) with ESMTP id QAA01812; Thu, 26 Sep 1996 16:32:51 -0700 (MST)
Received: from primenet.primenet.com (ip210.prc.primenet.com [204.212.56.210]) by primenet.com (8.7.6/8.7.5) with SMTP id QAA17142; Thu, 26 Sep 1996 16:32:17 -0700 (MST)
Message-Id: <2.2.32.19960926233234.006735a4@mailhost.primenet.com>
X-Sender: alanwc7r@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Sep 1996 16:32:34 -0700
To: aprssig@tapr.org
From: "Alan K. Unangst" <alanwc7r@primenet.com>
Subject: Dual Port (PCMCIA) APRS / GPS

Well I am still stuck. I have not been able to change the internal Mwave modem, on my IBM Thinkpad 760, to a Com port & Interrupt other then Com 1 or 2. There is no simple way to disable the modem, so I have to somehow change its address.

The Socket PCMCIA I/O adapter will not "share" addresses and APRS must have Interrupt 03 or 04. Does anybody out there have any idea what I need to do? I am really stuck and need some help!!

In advance, Thank You for your assistance, I do appreciate it.

73, Alan

Alan K. Unangst, WC7R
E-mail: alanwc7r@primenet.com

Amateur Radio Packet: WC7R @ KB7FRV

From rwf@mindspring.com Thu Sep 26 18:41:07 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA25432 for <aprssig@tapr.org>; Thu, 26 Sep 1996 18:41:05 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id TAA12441; Thu, 26 Sep 1996 19:41:05 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id TAA11968; Thu, 26 Sep 1996 19:41:03 -0400
Message-Id: <2.2.32.19960926234445.006e2cbc@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Sep 1996 19:44:45 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:5142] Re: APRS/AMSAT VHF FREQ

At 05:59 PM 9/26/96 -0500, Nolle wrote:

>
>Now i'm totally confused, the person that posted that message never mentioned
>the frequency you are talking about (Right). He was talking about 144.3-5 why
>are you confusing the issue by adding 144.47 and 144.49 ?????

Because I told you that that was a different message in the same list. Look
and you will see that those freqs do fall between 144.3-5.
(at least they do on MY radio).

When Mr Bliss posted his message here, I doubt that he had seen the message
in the other remailer that was posted in response to the one he quoted for
us here.

And because I said in my msg that the issue was already confused. The
thread includes typos of 145.49 vs 144.49 and then someone even added the
other frequencies too. I saw no need to quote all the messages on the other
remailer-= only enough to show that there was already confusion. You just
need to take my word that the other freqs were mentioned.

I'm just letting you guys know what is going on- If you don't want to know,
then tell me and I'll keep you in the dark. You can rest assured that our
discussions are being looked at over there.

Please don't imply that I am making things up.

From mark.endicott@nashville.com Thu Sep 26 18:45:51 1996
Received: from nashville.com (ns1.nashville.com [199.78.224.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA25558 for <aprssig@tapr.org>; Thu, 26 Sep 1996

18:45:46 -0500 (CDT)
Message-Id: <199609262345.SAA25558@tapr.org>
From: mark.endicott@nashville.com
Reply-To: mark.endicott@nashville.com
Subject: X-1J4 (NODE) Question
To: aprssig@tapr.org
X-Mailer: TSX-BBS
Date: Thu, 26 Sep 96 18:43:52
Organization: The Nashville Exchange-http://WWW.NASHVILLE.COM

Bob, SIG or Anybody

Nashville has a little problem that we need some help with. We now have 2 APRS digi's and are in the process of adding couple more in the area. The problem is that the digi's that are running X-1J4 firmware turn to "gray" after few hours. I use the term "gray" loosely, the star becomes a green outline with a gray center and the call sign disappears. The ones that run conventional firmware remain as green star, as they should. All of the digi's show up in my heard log 3 to 8 times an hour and all are WIDE-RELAYS. It is interesting to note that this "fade" is only apparent on DOS versions, the MAC APRS screen does not have this same phenomenon. I have seen this with AEA,Kantronics and TAPR TNC's, Can anybody explain what is happening ?.

73....Mark WB0NOO

If Found, Please Return To:

Mark Endicott
P.O. Box 148242
Nashville, Tennessee 37214
WB0NOO
mark.endicott@nashville.com

From ldajz@epix.net Thu Sep 26 18:46:12 1996
Received: from epix.net (root@grape.epix.net [199.224.64.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA25605 for <aprssig@tapr.org>; Thu, 26 Sep 1996 18:46:07 -0500 (CDT)
Received: from clsm-65ppp161.epix.net (clsm-65ppp161.epix.net [199.224.65.161]) by epix.net (8.7.1/8.7.5) with SMTP id TAA08436 for <aprssig@tapr.org>; Thu, 26 Sep 1996 19:42:35 -0400 (EDT)
Message-ID: <324B3AEB.26C6@epix.net>
Date: Thu, 26 Sep 1996 19:24:43 -0700
From: Al Zelna <ldajz@epix.net>
Reply-To: ldajz@epix.net

Organization: UNRS (Uhhh, not real sure)
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Elmers and Unprotos
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Once again this SIG has yielded quite a thread, of part of a thread, of a bit of a thread. If memory suits me (and it usually doesn't) the original question concerning UNPROTO was some absurd GATE,WIDE,WIDE,WIDE combination.

Another note concerns the use of similiar "long generic" UNPROTOs on VHF. By generic, I mean the regional problems with the use of WIDE,WIDE,WIDE and so on. If some users would take the time to learn the program, and be able to interpolate the information they see on their screens, they may be able to realize what their own UNPROTO is doing to other areas around them.

If an APRSer can only "work" one WIDE in their area and their map is always hoppin'; That is to their advantage. But what if that WIDE can "work" another two WIDEs, and one of those two can "work" three WIDEs, maybe even a previous one. You see how WIDE,WIDE,WIDE will bounce like a cracked ping-pong ball? Moreover, how about the APRSer's in that span who can only "work" one WIDE? Their DCD lights will probably burn out.

Once again I bring up one simple fact. It is up to those involved and concerned with the well-being, and future of APRS, (let's not throw this to the authors) to take strides in "Elmering" those thought of as lids. All things must be considered in your own little corner of the globe: 1. Frequency, 2. Accepted UNPROTOs, and 3. SKYWARN vs. Keyboarding vs. staring at the screen, afraid to touch that dial and tick someone off.

Shields are up... Flame away if you must.

73 de N3KAE

From steved@vianet.on.ca Thu Sep 26 19:04:50 1996
Received: from vianet.on.ca (root@gwn.vianet.on.ca [204.187.88.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA26396 for <aprssig@tapr.org>; Thu, 26 Sep 1996 19:04:47 -0500 (CDT)
Received: from steved.vianet.on.ca (hunt72.vianet.on.ca [206.186.208.72]) by vianet.on.ca (8.7.6/8.7.3) with ESMTP id UAA11962 for <aprssig@tapr.org>; Thu, 26 Sep 1996 20:02:53 -0400 (EDT)
Message-Id: <199609270002.UAA11962@vianet.on.ca>
From: "Stephen Dubois" <steved@vianet.on.ca>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5140] Re: APRS/AMSAT VHF FREQ
Date: Thu, 26 Sep 1996 20:07:06 -0400
X-MSMail-Priority: Normal
X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The Canadian Boys APRS freq. is 144.390. Works fine up here..in Ontario..
Hope this helps..:-)
Chow for now et 73.....to all

Steve Dubois
CANWARN SPOTTER VA3HOI
(S)huttle(A)mateur(R)adio(EX)periment STATION
APRS,WinAPRS,APRTRAK
E-mail:steved@vianet.on.ca

> From: ku0g@sprynet.com
> To: aprssig@tapr.org
> Subject: [APRSSIG:5140] Re: APRS/AMSAT VHF FREQ
> Date: Thursday, September 26, 1996 18:40
>
> Don't the Canadian boys operate APRS somewhere in the 144.3 - 144.5 area?
 It
> would seem that this would also be a way to have MORE than just a US
frequency,
> but a CONTINENTAL standard! Wonder if that would be workable down in
Central or
> South America, too? PLANETARY????? (maybe that's too much)
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com
>

From amirault@laraby.tiac.net Thu Sep 26 19:53:30 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA28104 for <aprssig@tapr.org>; Thu, 26 Sep 1996
19:53:28 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id
UAA24397; Thu, 26 Sep 1996 20:57:53 -0400
Date: Thu, 26 Sep 1996 20:57:52 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5076] Re: WX Station goes grey on 7.7b
In-Reply-To: <Pine.GSO.3.95.960925093927.4668E-100000@arctic>
Message-ID: <Pine.BSF.3.91.960926205701.24292A-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Sep 1996, Bob Bruninga wrote:
>
> >   Loaded up 7.7b over the weekend. Now my wx station goes grey. Don't
> > know when (how long) after I start it it greys out, but its happening.
>
> APRSdos REPLY/COMMENT: Argh! That was supposed to have been fixed in
> 77a and b. (b which shows itself as 77a in the Help screen and logo).
> Anyone else confirm that it is NOT fixed yet?

I converted from 7.5 to 7.7b a few days ago. Running UII WX stn. Seems OK
so far.

Richard Amirault   N1JDU   Boston, Massachusetts USA
amirault@tiac.net   "Go Fly A Kite"

From rwf@mindspring.com Thu Sep 26 20:08:17 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA28507 for <aprssig@tapr.org>; Thu, 26
Sep 1996 20:08:16 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id VAA21835 for <aprssig@tapr.org>;
Thu, 26 Sep 1996 21:08:15 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id VAA08061 for
<aprssig@tapr.org>; Thu, 26 Sep 1996 21:08:14 -0400
Message-Id: <2.2.32.19960927011155.006dfd78@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 26 Sep 1996 21:11:55 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:5143] Dual Port (PCMCIA) APRS / GPS

My thinkpad doesn't have mwave, but a bunch of them at work do. I am going
to pass your message to some of our gurus who may have the answer.

At 06:37 PM 9/26/96 -0500, Alan U wrote:
>Well I am still stuck. I have not been able to change the internal Mwave
>modem, on my IBM Thinkpad 760, to a Com port & Interrupt other then Com 1 or
>2.

snip

From kc5ejk@onramp.net Fri Sep 27 00:44:01 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id AAA08705 for <aprssig@tapr.org>; Fri, 27 Sep 1996

00:43:58 -0500 (CDT)
Received: from [199.1.11.140] (dal07.onramp.net [199.1.11.107]) by
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id AAA17023 for <aprssig@tapr.org>;
Fri, 27 Sep 1996 00:43:53 -0500 (CDT)
Message-Id: <v02140b01ae7119c0b025@[199.1.11.140]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Sep 1996 00:44:44 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:5141] Thanks for the good times

>...no one was willing to answer
>any of my questions,

>I thought that maybe if I did get some questions answered that
>perhaps that it would help me in getting some users interested
>in APRS in my immediate area.

>... I was patient to learn, but didn't
>get any help when I wanted.

What help did you ask for ????????

I keep ALL the APRS sig messages from "day-one" online so that I
can look up information with a Eudora search.

I went back and looked at all your APRSsig postings and I can't
find any questions that you asked on how to use APRS.

Postings by (Stacey T Hanrahan) aa7ya@juno.com
starting 88-13-96

[APRSSIG:3721] APRS in Montana? statement about "lack of Montana maps"
[APRSSIG:3745] Re: Free email service
[APRSSIG:3789] Re: Common courtesy...
[APRSSIG:3829] Re: JUNO
[APRSSIG:3830] Re: JUNO
[APRSSIG:3878] QST article (GPS) " You asked about cheap GPS"
[APRSSIG:3879] Re: JUNO
[APRSSIG:3930] Re: QST article (GPS)
[APRSSIG:3932] Re: QST article (GPS) 'Maybe with enough "newbie's" like myself"
[APRSSIG:3979] Re: QST article (GPS)
[APRSSIG:4032] Re: FREQ COORDINATION LETTER
[APRSSIG:4033] Re: APRS @ 9600

Postings by aa7ya@juno.com

[APRSSIG:4125] Re: MAXON RADIOS!
[APRSSIG:4511] Re: CHANGE EMAIL ADDRESS
[APRSSIG:4928] Re: Poor Bob!
[APRSSIG:4990] Re: HELP - APRS / GPS-45 & KPC-3

Unless I am missing a posting, all but two mail messages were reply's.
Could it be that your questions never made it to the APRSSIG. ?????
or did you mail directly to some APRSsig people and not get a reply ??

Don't over look downloading the TAPR archives of this SIG.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From sparkfel@primenet.com Fri Sep 27 00:56:52 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA08975 for <aprssig@tapr.org>; Fri, 27 Sep 1996 00:56:50 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by mailhost1.primenet.com (8.7.6/8.7.1) with ESMTP id WAA09285 for <aprssig@tapr.org>; Thu, 26 Sep 1996 22:56:48 -0700 (MST)
Received: from ip-20-038.phx.primenet.com (ip-20-038.phx.primenet.com [206.165.20.38]) by primenet.com (8.7.6/8.7.5) with SMTP id WAA23502; Thu, 26 Sep 1996 22:56:13 -0700 (MST)
Date: Thu, 26 Sep 1996 22:56:13 -0700 (MST)
Message-Id: <1.5.4.16.19960926225646.2cd77f22@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: [APRSSIG:5141] Thanks for the good times

At 05:58 PM 9/26/96 -0500, aa7ya@juno.com wrote:
>Hello to the SIG,
>

>Apparently, my take is this, I would try in my best judgement, add
>some constructive thought, but for the most part, stayed off on the
>sidelines, since I know very little of APRS, but no one was willing,
>even as Bill Nolle calls a "Mentor", to lead/help me to a better
>understanding of APRS.

Sheesh! How pathetic can you get? I thought APRS was kinda self explanatory and simple, especially if one reads the documentation.

>So, I guess I will go back to working on
>my JNOS BBS system, building packet networks, or in other
>words, moving on to something that I take more enjoyment, and
>pride in doing, and not pulling my hair out to the root because I
>don't quite grasp APRS, though I was patient to learn, but didn't

>get any help when I wanted.

Yes, we snubbed you on purpose... perhaps we have a little persecution complex?
I vote we never help anyone named Stacey from juno.com ever again in regards to APRS. BTW, when is the next "we hate Stacey" meeting?
>
>So with that, I bid everyone farewell, and thanks for allowing me
>to express my feelings about this SIG.
>
Allowing you?

>Stacey, aa7ya@juno.com
>
>** Hailing frequency off **
>

Now where's that "Nerd alert" button?

Honestly... I'm prepared for the slings and arrows generated from this post. But please, how many thin skinned "net whiners" can I tolerate? How many of us have been on the outside of a group? I bet all of us. I remember my first PUG (packet users group) meeting where I didn't know anyone, as well as my first ThunderBird ARC meeting. I knew no one. It took talking to individuals and getting involved to learn anything or to get to know people. It took time. I didn't stand in front of the group pitifully begging to be recognized.

Yes, I've been snubbed by other hams and been treated rudely for no reason by good old boy (and girl!) repeater nets. We all have. That's life. You have two choices. Stick around and try to participate, or weenie out.

Mark KC7BXS

From n2iph@cyberenet.net Fri Sep 27 01:01:10 1996
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA09019 for <aprssig@tapr.org>; Fri, 27 Sep 1996 01:01:05 -0500 (CDT)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp
     (Smail3.1.29.1 #7) id m0v6Vyy-000O4ZC; Fri, 27 Sep 96 02:01 EDT
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp
     (Smail3.1.29.1 #8) id m0v6Vyw-0006F9C; Fri, 27 Sep 96 02:01 EDT
Message-ID: <324B6D10.2466@cyberenet.net>
Date: Fri, 27 Sep 1996 01:58:41 -0400
From: Bob Derderian <n2iph@cyberenet.net>
Reply-To: n2iph@cyberenet.net

Organization: ISA
X-Mailer: Mozilla 3.0b6Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5128] Re: unproto
References: <199609261523.LAA22108@bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

To Steve and the Group:

I think I asked Bob(APR) this or a similar question about 6 or 8 months
ago, don't remember what his reply was.

I had asked if it were possible to have APRS look at the incoming path
of a MSG and then use that SAME path in REVERSE as the reply path.

Also, I don't know how everyone else feels but I could loose the USA.map
on key 1, so I could have another programmed map key. The reason I
suppose that the 2,4,6,8 keys are not used is that most laptops or
computers with compact keyboards do not have a separate numeric keypad.
So the map keys cannot use all 10 of the numeric keys located just below
the Fkeys, cause the ASCII scancodes are different for the numeric
keypad and the number keys on the main keyboard section.

A modular approach is something to think about. I'm not sure how to go
about the install process using PKUNZIP.exe, seems you would need a
script to query the user which modules to install and then pass these
params off to PKUNZIP so that it only extracted the required optional
components along with the basic required stuff. This will make the
overall .zip file larger than can fit onto 1 floppy though I fear, which
would hinder distribution somewhat.

The docs could also be zipped up in a separate zip within the overall
zip and the one file with the detail text files extracted to the readme
DIR, maybe leaving the whatsnew.txt and install.txt in the main zip to
be readily available.

From sparkfel@primenet.com Fri Sep 27 01:11:07 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA10692 for <aprssig@tapr.org>; Fri, 27
Sep 1996 01:11:04 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
mailhost1.primenet.com (8.7.6/8.7.1) with ESMTP id XAA10583 for
<aprssig@tapr.org>; Thu, 26 Sep 1996 23:11:01 -0700 (MST)
Received: from ip-20-038.phx.primenet.com (ip-20-038.phx.primenet.com
[206.165.20.38]) by primenet.com (8.7.6/8.7.5) with SMTP id XAA26590; Thu, 26 Sep
1996 23:10:26 -0700 (MST)
Date: Thu, 26 Sep 1996 23:10:26 -0700 (MST)
Message-Id: <1.5.4.16.19960926231101.2cd7a720@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: 1996 ARRL SW Division Convention

Don't forget the ARRL Southwest Division Convention is October 11-13 in Mesa, Arizona.

To be held at the Mesa Convention Center.

For more info check: www.getnet.com/~davidh/cadxa.html

Unfortunately, I will not be there for eyeball QSO's as I have another commitment. But it should be a blast.

This may be your LAST chance to tour Barry Goldwater's shack (reservations required in advance).

BTW, the Wouff Hong will be Saturday at midnight! I believe Len Winkler of "Ham Radio and More" will be hosting the evening.

I hear about 80 vendors will be there (no swap meet), but again ICOM is snubbing Arizona events.

ThunderBird ARC will have a table as well as the ARA. If you go please remind the ARA that we would be very pleased to get an APRS digi on one of their sites.

73,

Mark
KC7BXS

From n2iph@cyberenet.net Fri Sep 27 01:24:45 1996
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA11811 for <aprssig@tapr.org>; Fri, 27 Sep 1996 01:24:44 -0500 (CDT)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp
     (Smail3.1.29.1 #7) id m0v6WLr-000O4fC; Fri, 27 Sep 96 02:24 EDT
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp
     (Smail3.1.29.1 #8) id m0v6WLp-0006F9C; Fri, 27 Sep 96 02:24 EDT
Message-ID: <324B72A0.47A6@cyberenet.net>
Date: Fri, 27 Sep 1996 02:22:24 -0400
From: Bob Derderian <n2iph@cyberenet.net>
Reply-To: n2iph@cyberenet.net
Organization: ISA
X-Mailer: Mozilla 3.0b6Gold (Win95; I)
MIME-Version: 1.0
To: APRS dicussion group <aprssig@tapr.org>
CC: Matt Wilson <matt@cyberenet.net>, Bill Davis <n2zso@cyberenet.net>,
        warnerh@cyberenet.net

Subject: N2IPH-15 WIDE digi down
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm sending this to the SIG cause of the number of people affected by
it.

The N2IPH-15 WIDE digi in SNJ is temporarly down (for maybe 2 or 3
days). The TNC has given up the ghost. It was an original MFJ-1278 from
'88 and has seen much use, lately continous duty as the APRS digi for
the past 2+ years. It will be replaces sometime over the weekend maybe
by a KPC-3 which will allow us to run WIDE/RELAY at that site. The 1278
will probably go back in service if its repairable.

73...Bob
n2iph

NNNN

From sparkfel@primenet.com Fri Sep 27 03:05:09 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA14907 for <aprssig@tapr.org>; Fri, 27
Sep 1996 03:05:07 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
mailhost1.primenet.com (8.7.6/8.7.1) with ESMTP id BAA16130 for
<aprssig@tapr.org>; Fri, 27 Sep 1996 01:05:06 -0700 (MST)
Received: from ip-20-038.phx.primenet.com (ip-20-118.phx.primenet.com
[206.165.20.118]) by primenet.com (8.7.6/8.7.5) with SMTP id BAA14143; Fri, 27 Sep
1996 01:04:31 -0700 (MST)
Date: Fri, 27 Sep 1996 01:04:31 -0700 (MST)
Message-Id: <1.5.4.16.19960927010507.2cd7b2c0@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Busted!

I know this isn't directly related to APRS, I know this will be of interest
to most. And hey, who says APRS can't be of use in cases like this in the
future? I think a few APRS'd DF Jr.'s would be good.

Friday August 16, 1996 Mesa, Arizona:

Mesa Police, FCC Agents, and Arizona Repeater Association representatives
executed search warrants and arrested three individuals suspected (caught
red-handed) of causing interference to ham radio, police, fire, and other
radio communications. They were also charged with abusing the 911 system,
impersonating police officers, and false reporting.

The interference consisted of transmitting false officer emergency calls
(999's), sending "hot tones" over the air, profane and lewd remarks, as well

a physical threats and bomb threats. It is believed that these three have been causing interference on many local amateur repeaters as well as public safety frequencies for over a year, but the interference escalated in July 1996. 911 hang-ups on autopatches and general (unusual) QRM raised the ire of ARA interference committee as well as general members, causing them to investigate. Most interference could be heard on the inputs in the Mesa area, and Mesa police had already approached local hams for help in tracking down their QRM problem. Local T-hunters went to the chase, verbal QRM was recorded, and the suspects were pinpointed and surveilled.

Arrested are:

Joshua D. Cavender
3443 East University #133
Mesa, AZ
DOB: 12/21/79

Brad E. Shelley
542 S. 37th St.
Mesa, AZ
DOB: 12/25/79

Christopher R. Johnson
2006 N. Higley
Mesa, AZ
DOB: 05/18/76

I'm told that at least one is a No-code tech. All electronic equipment in each household searched was confiscated (ALL ELECTRONIC EQUIPMENT). FURTHER ARRESTS ARE PENDING. At least one suspect has confessed.
Voice recordings were sent to the FBI labs and they say the case against the three is AIRTIGHT. In fact, no warrants were issued until the FBI was certain that the case would stick.

This is despicable behavior, especially from licensed operators. Too bad 2 of them are juveniles. Perhaps a little time in Sheriff Joe's Tent City wearing pink underwear would set them straight. With only 500 beds available for "yute" offenders in our whole state, they'll probably get sent home to their mommies...

I know Sheriff Joe would love for them to be guests, as it's HIS 911 system they messed with. (G)

BTW, the Ham Radio Posse has expressed an interest in assisting in these investigation in the future. Perhaps some generous vendors here (hint. hint.) might donate equipment and software for this purpose.

Mark
KC7BXS

From sparkfel@primenet.com Fri Sep 27 03:05:20 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA14925 for <aprssig@tapr.org>; Fri, 27 Sep 1996 03:05:19 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by mailhost1.primenet.com (8.7.6/8.7.1) with ESMTP id BAA16142 for <aprssig@tapr.org>; Fri, 27 Sep 1996 01:05:18 -0700 (MST)
Received: from ip-20-038.phx.primenet.com (ip-20-118.phx.primenet.com [206.165.20.118]) by primenet.com (8.7.6/8.7.5) with SMTP id BAA14174; Fri, 27 Sep 1996 01:04:41 -0700 (MST)
Date: Fri, 27 Sep 1996 01:04:41 -0700 (MST)
Message-Id: <1.5.4.16.19960927010518.2cd7cf44@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Busted!

On a similar note:

The ARA sent a nasty-gram to a boot-legger using a bogus call sign in August. In light of recent events he seems to have decided to turn his interests elsewhere.

August 30, 1996. Phoenix, AZ.

Timothy Harold Hoffman of Phoenix, AZ was issued a further N.A.L. in the amount of $6000.00 for violations of several FCC regulations. Hoffman is (was) a licensed ham and is (was) a dues paying member of the ARA when his first N.A.L. was issued a year ago. The ARA also voted him OUT of the association. I'm told this is only the second time in twenty years that a membership has been revoked.

It seems the FCC didn't want to prosecute Mr. Hoffman, but a write-in campaign to lawmakers was started by ARA members. Unfortunately only three federal congressman saw this situation serious enough to warrant a response. They are: John Shaddig, Bob Stump, and Sen. John McCain. As a personal aside: I've noted that Republican lawmakers are far more interested in protecting ham radio than Democrats. I only joined the NRA when asked personally by Joe Foss and Sen. McCain. Bob Stump is a local conservative icon who's probably the most frugal Congressional Delegate currently seated.

Enough about the Republicans, I've only heard one Democrat "official" try to intervene in this matter. And this one will blow your socks off: HILLARY RODHAM CLINTON wrote the FCC and asked them respond to the ARA case against Mr. Hoffman!

I hope that in the future we'll be using APRS locally to track these guys down.

73,

Mark KC7BXS

From parker@rincon.com Fri Sep 27 06:35:53 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA19220 for <aprssig@tapr.org>; Fri, 27 Sep 1996 06:35:51 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by mailhost1.primenet.com (8.7.6/8.7.1) with ESMTP id EAA20831 for <aprssig@tapr.org>; Fri, 27 Sep 1996 04:35:50 -0700 (MST)
Received: from primenet.primenet.com (ip144.tus.primenet.com [198.68.42.144]) by primenet.com (8.7.6/8.7.5) with SMTP id EAA04154 for <aprssig@tapr.org>; Fri, 27 Sep 1996 04:35:17 -0700 (MST)
Message-ID: <324BBC33.2C33@rincon.com>
Date: Fri, 27 Sep 1996 04:36:19 -0700
From: Mike Parker <parker@rincon.com>
Organization: Rincon Research Corp.
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: GPS vs. fiberglass and SNR?
References: <Pine.GSO.3.95.960924091826.14747A-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have successfully put GPS receivers in several gliders looking through the fiberglass
body. I probably lose a little SNR, but as a practical matter everything works fine.

It should not work, however, if the fiberglass is reinforced with carbon fiber. I haven't
actually tried either carbon fiber or kevlar reinforced structures.

Mike Parker, KT7D

From kf4dys@juno.com Fri Sep 27 07:06:35 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA20074 for <aprssig@tapr.org>; Fri, 27 Sep 1996 07:06:33 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
     id IAA08417; Fri, 27 Sep 1996 08:06:21 EDT
To: aprssig@tapr.org
Date: Fri, 27 Sep 1996 07:00:03 PST
Subject: Re: unproto
Message-ID: <19960927.070058.4503.0.kf4dys@juno.com>
References: <324B6D10.2466@cyberenet.net>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-11
From: kf4dys@juno.com (Joe Foor)

Bob Derderian <n2iph@cyberenet.net> wrote:
>Also, I don't know how everyone else feels but I could loose the USA.map
>on key 1, so I could have another programmed map key.

A while back, Bob B. posted the information that the map
and location of button 1 is the default position and
range at the beginning of the maplist. You can change
this with a text editor, to any position and range you
want.

regards,
Joe

From holbert@arinc.com Fri Sep 27 07:47:09 1996
Received: from arinc.com (interlock.arinc.com [144.243.4.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA21111 for <aprssig@tapr.org>; Fri, 27 Sep 1996
07:47:07 -0500 (CDT)
Received: from rholbert ([144.243.112.13]) by interlock.arinc.com with SMTP id
<27652>; Fri, 27 Sep 1996 08:47:00 -0400
Comments: Authenticated sender is <holbert@dayton.arinc.com>
From: "Richard L. Holbert" <holbert@arinc.com>
Organization: ARINC.COM
To: aprssig@tapr.org
Date: Fri, 27 Sep 1996 09:47:00 -0400
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Baycom as a Wide Digi?
Reply-to: holbert@arinc.com
Return-receipt-to: holbert@arinc.com
Priority: normal
X-mailer: Pegasus Mail for Windows (v2.41)
Message-Id: <96Sep27.084700edt.27652@interlock.arinc.com>

I know APRS can't use Baycom modems directly, but has anyone tried
to use one as a digipeater? The current Dayton Wide consists of a
dedicated "klunker" computer running APRS and a TNC. By switching to
Baycom I could free up the TNC for some other projects.

Thanks!

From kb6lfm@ix.netcom.com Fri Sep 27 08:04:29 1996
Received: from dfw-ix7.ix.netcom.com (dfw-ix7.ix.netcom.com [206.214.98.7]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA21765 for <aprssig@tapr.org>; Fri, 27
Sep 1996 08:04:27 -0500 (CDT)
From: kb6lfm@ix.netcom.com
Received: from ala-ca11-22.ix.netcom.com (kb6lfm@ala-ca11-22.ix.netcom.com
[199.35.209.182]) by dfw-ix7.ix.netcom.com (8.6.13/8.6.12) with SMTP id GAA22708
for <aprssig@tapr.org>; Fri, 27 Sep 1996 06:03:53 -0700
Message-ID: <324BD061.11E5@ix.netcom.com>
Date: Fri, 27 Sep 1996 06:02:25 -0700
X-Mailer: Mozilla 2.01E-NC250 (Win95; U; 16bit)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5136] Re: HF STATIONS HEARD IN NE OHIO.
References: <199609262024.NAA08027@wind.hurricane.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom Devine wrote:
>
> ----------
> > I have a question, are the hf digi's vertically or horizonally
> > polarized.
> > I would suspect vertical because that would permit the best 360 degree
> > pattern. 73, de KB8AST
> >
> > ==========
> >
> > At the moment mine's a horz dipole at 20 feet.
> > I have found inverting it works best on aprs.
> > Roger n8chb
> >
>
> I suspect it's a matter of station preferences, not to mention budget! I
> myself use one of two antennas, a dipole and a R-7. The dipole is much,
> much quieter allowing for more signals to clear the Pk232 I use. However,
> as the next solar cycle takes off I'm sure the R-7 will see more use. It
> has a (unmeasured, and only a theory) better take off angle than the dipole
> I use. Like I said, just a matter of personal preferences...
>
> 73!
> Tom, KC7DRX
> Seattle/Bremerton WA
> PACNWEST APRS Member
>
> Check out the PACNWEST home page at:
> http://hurricane.net/~eyephrase/aprs.htm
>
> Hello Tom. Bill here in San Francisco. The HF GATEWAY here is a
TS-450s/AT, KAM+ and a 2 element Quad at 50'. Generally speaking, an
omni-directional antenna would be the preferred, but having the Pacific
Ocean as my neighbor, wouldn't make "propagating" to the west a very
good idea. I do track some M/M's at times such as the "TransPac-96"
sailboat race that started 16 Solo Sailboats on a voyage/race from San
Francisco to Hawaii. perhaps you caught it. The "Baja Ha Ha!" S/V race
will start in San Diego on October 28th. and will end in Cabo Saint Lucas
 Mexico. So, as you can see there are some advantages to having a
directional HF antenna for APRS. I'll be looking for your "icon" on my
screen Tom!

73 de Bill (Radio Flyer) KB6LFM
APRS M/M GATEWAY Station in San Francisco.

From jratchf@bulldog.afsc.k12.ar.us Fri Sep 27 08:33:19 1996

Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA22572 for <aprssig@tapr.org>; Fri, 27 Sep 1996 08:33:16 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip3.afsc.k12.ar.us [170.211.157.177]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA09163 for <aprssig@tapr.org>; Fri, 27 Sep 1996 08:33:18 -0500
Message-Id: <199609271333.IAA09163@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5157] Re: GPS vs. fiberglass and SNR?
Date: Fri, 27 Sep 1996 08:32:04 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>
> I have successfully put GPS receivers in several gliders looking through the fiberglass
> body. I probably lose a little SNR, but as a practical matter everything works fine.
>
> It should not work, however, if the fiberglass is reinforced with carbon fiber. I haven't
> actually tried either carbon fiber or kevlar reinforced structures.
>
>
> Mike Parker, KT7D

As a fiberglass reinforced plastics (FRP) manufacturer I have used various materials in our products for our customers. Fiberglass and Kevlar have close to the same dielectric strengths and have posed no problems concerning RF. Carbon fiber, on the other hand, is very conductive. I have an RF cure machine and use in with glass and kevlar. However, carbon will literally cause an explosion resulting in fire. Personally I would not suggest using carbon based products in any part of the radio hobby. Especially as an enclosure for a transmitting antenna with high power. I have never seen any research done on the use of carbon enclosures in the radio market and would be an interesting one!

Anyway, I drive a K5 Blazer with a fiberglass top with the GPS antenna mounted inside the vehicle with no noticable problems. The only problem with a fiberglass top is it doesn't make a ground plane unless I use an adhesive backed foil stuck to the inside roof. Then I'm not too sure one wouldn't slowly cook the brain!

73
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* ARRL * ARES EC * RACES * NAARS, Inc. *
* MVFD/EMS FR * CCL #426 *

From ccdapple@wtp.net Fri Sep 27 08:43:36 1996
Received: from mailsrv1.pcy.mci.net (mailsrv1.pcy.mci.net [204.71.0.43]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA22812 for <aprssig@tapr.org>; Fri, 27
Sep 1996 08:43:32 -0500 (CDT)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET
 (PMDF V5.0-7 #10044) id <01I9YW7LQO0G8X1UX5@MAIL-CLUSTER.PCY.MCI.NET> for
 aprssig@tapr.org; Fri, 27 Sep 1996 09:44:57 -0400 (EDT)
Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET
 (PMDF V5.0-7 #10044) id <01I9YW7GRFH08X1AGB@MAIL-CLUSTER.PCY.MCI.NET> for
 aprssig@tapr.org; Fri, 27 Sep 1996 09:43:48 -0400 (EDT)
Received: from wtprl-2.wtp.net by wtpprod1.wtp.net;
 (5.65/1.1.8.2/19Aug95-0853PM) id AA30514; Fri, 27 Sep 1996 07:41:41 -0600
Date: Fri, 27 Sep 1996 07:41:41 -0600
From: Chris Dapples <ccdapple@wtp.net>
Subject: Re: [APRSSIG:5119] Modular APRS?
To: aprssig <aprssig@tapr.org>
Message-id: <9609271341.AA30514@wtpprod1.wtp.net>
MIME-version: 1.0
X-Mailer: PROCOMM PLUS 3.0 for Windows
Content-type: Text/Plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>   From: jratchf@bulldog.afsc.k12.ar.us
>   Date: 9/26/96 8:03:19AM
>   To: aprssig
>   Subject: [APRSSIG:5119] Modular APRS?
>
>   > Bob Bruninga wrote:
>   > > APRSdos REPLY/COMMENT: I agree, it would be nice to have
>   more than 10
>   > > lines, but there is no more rooom in APRS. What should I
>   leave out?
>   >
>   > Bob, how much memory would be saved if all the LORAN
>   routines were
>   > removed?
>   > Or, how about the DX cluster routines? I don't know anyone
>   who uses
>   > either..perhaps someone using these features could give us
>   an idea...
>   > --
>   > Dan
>
>   Maybe it's time to create a modular APRS system, Bob, in that
>   each user
>   can load that portion that they are interested in vs. the
>   whole program! I
>   don't know if that is possible, but if it were, that would
>   lead to more
>   user specific programs that use less memory while maintaining
>   the
>   integrety of your basic program. Modular parts could be the

>   GPS, SPACE,
>   WX, DX ect. I don't have a need for GPS routines at the QTH!
>   Some more to
>   go Hmmmmm about!

GOOD idea!! There are several satellite ground control station
programs that
run in this manner and although I use all the modules here, many do
not. The
system works with noe main controlling program and calls up the
modules it
needs to perforn the needed task. I would think that APRS would be
a good
candidate for this mode of operation.
Chris Dapples, KF7KN
ccdapple@wtp.net

From kr4ol@juno.com Fri Sep 27 08:45:39 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA22857 for <aprssig@tapr.org>; Fri, 27
Sep 1996 08:45:37 -0500 (CDT)
From: kr4ol@juno.com
Received: (from kr4ol@juno.com) by x6.boston.juno.com (queuemail)
     id JAA12534; Fri, 27 Sep 1996 09:45:28 EDT
To: aprssig@tapr.org
Date: Fri, 27 Sep 1996 09:38:17 PST
Subject: Re: Southeast UHF Frequency
Message-ID: <19960927.094103.22151.1.KR4OL@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,6,11,13-16

     Thank you for the replies regarding the UHF frequency in the
Southeast. We are currently working on putting up a new WIDE digi in
Central Georgia. The site we will be using is already in use as a packet
BBS and has a tremendous area of coverage; from Clarkesville Ga, to Vienna, Ga.
That is approximately a 90 mile radius. We are planning both VHF (145.790) and UHF
frequencies on this digi.
     Since there is no established UHF frequency for APRS in this
area, we are going to proceed with the frequency that is recommended by
Bob. When the SERA allocates a frequency for use, we will move to it. I
currently have no concrete timetable for the implementation of this new
WIDE digi, but it is comming! I'm sure you will know when it happens.
     There is terrific interest in APRS in Central Georgia. The local
ARES organization intends to include APRS in its SKYWARN activities.

                  Thanks again for your help,
                              de Tom, KR4OL

From sproul@ap.org Fri Sep 27 08:47:55 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id IAA22895 for <aprssig@tapr.org>; Fri, 27 Sep 1996 08:47:52 -0500

(CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
     id JAA16597; Fri, 27 Sep 1996 09:42:31 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007800ae7182787b22@[165.1.27.20]>
In-Reply-To: <1.5.4.32.19960926221819.006a0d04@gnatnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Sep 1996 09:11:00 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5138] WinAPRS Can't load serial dlls msg

>I have been trying to get WinAPRS to work on a laptop 486SL. I keep getting
>the message "Requires Serial DLLs" on the opening dialog box. As a
>consequence I can't get GPS NMEA to input to the program and plot. I've
>installed WinAPRS per the instructions. What am I doing wrong?
>
>Thanks,

The REQUIRES SERIALL DLLS message is just to indicate that the DLLs are
needed for that version, not that they are missing.

Open the INTERNAL STATE window, that will tell you if they are loaded
properly or not.

Does TNC input work?

Mark

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From pgilmore@beachnet.org Fri Sep 27 09:37:34 1996
Received: from beachnet.org (bduncan.tor.hookup.net [165.154.49.27]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA24573 for <aprssig@tapr.org>; Fri, 27 Sep 1996
09:37:31 -0500 (CDT)
Received: from virginia.beachnet.org ([204.225.64.52]) by beachnet.org with smtp
     (Smail3.1.29.1 #7) id m0v6e0b-0000COC; Fri, 27 Sep 96 10:35 EDT
Message-Id: <m0v6e0b-0000COC@beachnet.org>
From: "Paul Gilmore" <pgilmore@beachnet.org>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5140] Re: APRS/AMSAT VHF FREQ
Date: Fri, 27 Sep 1996 10:36:20 -0400
X-MSMail-Priority: Normal

X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

To answer your question, YES WE UP HERE IN CANADA USE " 144.390 " AS OUR
NATIONAL ASSIGNED APRS FREQ, great idea for a North America Wide Net

Paul Gilmore 416-447-7964(voice) 416-447-8868(fax)
AX25 VA3PRG@VA3BBS.#SCON.ON.CA.NA
EMAIL pgilmore@beachnet.org

> From: ku0g@sprynet.com
> To: aprssig@tapr.org
> Subject: [APRSSIG:5140] Re: APRS/AMSAT VHF FREQ
> Date: Thursday, September 26, 1996 6:40 PM
>
> Don't the Canadian boys operate APRS somewhere in the 144.3 - 144.5 area?
 It
> would seem that this would also be a way to have MORE than just a US
frequency,
> but a CONTINENTAL standard! Wonder if that would be workable down in
Central or
> South America, too? PLANETARY????? (maybe that's too much)
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com
>

From bruninga@nadn.navy.mil Fri Sep 27 09:48:44 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24990 for <aprssig@tapr.org>; Fri, 27
Sep 1996 09:48:42 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id KAA29397 for <aprssig@tapr.org>; Fri, 27 Sep 1996
10:53:45 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 27 Sep 1996 10:53:45 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
Reply-To: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: APRS CROSSLINK
Message-ID: <Pine.GSO.3.95.960927091754.16266A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A month ago, there was discussion of how to network APRS packets using

cross band links. The problem was that curently, there was no way to do it without using up a digi hop at each gateway and node. There is a simple way, however, to do this with an APRS CROSSLINK regenerator. This Chip, simply repeats a packet exactly as it was received. (it has the option of selectively only linking certain TO subnets). Of course it will only work in a crosslink environment, because if any packet EVER was heard again after being crosslinked, it would go on forever!

APPLICATIONS:

1. You live in a hole. Even if you put up a WIDE digipeater, it will only digipeat packets that still have a WIDE to go in their digi path.... It will not digipeat all of those packets that have already hit their last wide and it could disrupt existing network by adding a WIDE to other hops. The CROSSLINK chip, would allow you to listen on a UHF frequency to EVERY packet heard by your DIGI on the mountain and there would be no impact to the existing net.

2) You have some old 6m radios laying around. You put one at your current 2m WIDE site and crosslink EVERY packet heard onto a 6m backbone. The purpose of this backbone is SKYWARN. So you tell the crosslink chip to only crosslink packets adderssed to APRSKY. Only these packets will travel on the backbone. But the entry point into the net will still be on 145.79 so the users dont have to change... You could set up a statewide SKYWARN net...

AVAILABILITY. Will Clement has the MIM chip both transmitting and receiving packets. It would be "trivial" to make it do this.. Right Will?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From ku0g@sprynet.com Fri Sep 27 10:01:46 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA25305 for <aprssig@tapr.org>; Fri, 27 Sep 1996 10:01:44 -0500 (CDT)
Received: from @m1.sprynet.com ([204.185.98.11]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id HAA15896 for <aprssig@tapr.org>; Fri, 27 Sep 1996 07:58:50 -0700
Date: Fri, 27 Sep 1996 07:58:50 -0700
Message-Id: <199609271458.HAA15896@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: ku0g@sprynet.com (Jim Duncan)
Subject: Re: [APRSSIG:5159] Baycom as a Wide Digi?

>I know APRS can't use Baycom modems directly, but has anyone tried
>to use one as a digipeater? The current Dayton Wide consists of a
>dedicated "klunker" computer running APRS and a TNC. By switching to
>Baycom I could free up the TNC for some other projects.

>
>Thanks!

My question here is "WHY?" All you need is a TNC and a radio for a
digipeater. No need to run the computer and software if all the site is
used for is digipeating.
73 de Jim, KU0G

>

From bruninga@nadn.navy.mil Fri Sep 27 10:10:43 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA25598 for <aprssig@tapr.org>; Fri, 27
Sep 1996 10:10:42 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA01447; Fri, 27 Sep 1996 11:15:44 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 27 Sep 1996 11:15:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
cc: amsat-bb@amsat.org
Subject: Re: APRS/AMSAT VHF FREQ
In-Reply-To: <19960926.113712.2287.0.bbliss@juno.com>
Message-ID: <Pine.GSO.3.95.960927110327.29077B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Sep 1996, William B. Bliss wrote:

>   Following rumor just received from our local NCPA President,
> (Northern Calif Packet Assoc.) and forwarding to sig for info:
>
> ... AMSAT no longer needs their 144.3-144.5 satellite segment. ...
> the plan is for the NCPA to allocate it for digital use. The information
> is coming from the NFCC (National Frequency Coordinator's Council)...
>
> Now, as a representative on the NCPA board, I wanted to give you the
> opportunity to discuss the following comment from one of the NFCC vips:
>
> >From: WhitBrown@aol.com
> >
> >I suggest that this might be an excellent opportunity to ask the APRS
> >troops to consider QSY'ing from 145.79 to somewhere in the vacated
> >144.3-144.5 segment, perhaps 144.49 (or even .47 or .48)?.

COMMENT: Well, I sure hate to see AMSAT give that up. I thought that was
used for MIR and SHUTTLE uplinks and scheduled QSO's! Especially in light
of the impossibility of finding other worldwide SATELLITE channels. I
personally think that we are only beginning to see the vast potential for
mobile vehicle, boats RV's use of GPS and APRS for remote vehicle
tracking and communications. Since 30 watts into an FM rig with only a
lightly modiifed TNC will give you a very good uplink to an amateur

PACSAT. I would hope that one channel in that band would be dedicated
to APRS/GPS position/status report uplinks from mobiles worldwide!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Fri Sep 27 10:13:34 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA25690 for <aprssig@tapr.org>; Fri, 27
Sep 1996 10:13:32 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA01773 for <aprssig@tapr.org>; Fri, 27 Sep 1996
11:18:35 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 27 Sep 1996 11:18:34 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5134] Re: unproto
In-Reply-To: <9608268437.AA843766584@CCGATE.HAC.COM>
Message-ID: <Pine.GSO.3.95.960927111617.29077C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Sep 1996 ttyamada@CCGATE.HAC.COM wrote:

> > But why couldn't it look at the Digi path, see it was hearing the other
> > station (say on one wide), and remove any other wides, gates, etc from
> > the path. That should be do-able.
>
> Good idea Steve!. Your right The software already knows if you are
> hearing the direct or not.

APRSdos REPLY/COMMENT: APRS will flag if it EVER hears a packet direct.
Or in the case above, if it EVER heard you via 1 wide. I would NOT want
packet routing to be based on such chance occurrances.   What you are
asking would be to keep statistics on every packet heard and determine the
"best path" for replies. I dont have room for all that.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Fri Sep 27 10:24:31 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA26090 for <aprssig@tapr.org>; Fri, 27
Sep 1996 10:24:29 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA02727 for <aprssig@tapr.org>; Fri, 27 Sep 1996
11:29:32 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 27 Sep 1996 11:29:32 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic

To: aprssig@tapr.org
Subject: Re: [APRSSIG:5145] X-1J4 (NODE) Question
In-Reply-To: <199609262345.SAA25558@tapr.org>
Message-ID: <Pine.GSO.3.95.960927112732.29077F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Sep 1996 mark.endicott@nashville.com wrote:

> Nashville has a little problem that we need some help with.
> couple more in the area. The problem is that the digi's
> that are running X-1J4 firmware turn to "gray" after few
> hours. I use the term "gray" loosely, the star becomes a

APRSdos REPLY/COMMENT: Send me a copy of the *raw* packet being beacond by
that digi. If the installer has placed a DATE/TIME in the packet then he
is doing it worng. The packetmust begin with !LAT/LONG... There is *no*
date-time field in a digipeater posit report.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Fri Sep 27 10:30:34 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA26130 for <aprssig@tapr.org>; Fri, 27
Sep 1996 10:30:33 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id LAA03319; Fri, 27 Sep 1996 11:35:36 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 27 Sep 1996 11:35:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
cc: aa7ya@juno.com
Subject: Re: [APRSSIG:5141] Thanks for the good times
In-Reply-To: <19960926.154220.5383.0.aa7ya@juno.com>
Message-ID: <Pine.GSO.3.95.960927112943.29077G-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Sep 1996 aa7ya@juno.com wrote:

> Well, I think that I have had my fill of the SIG, and got to know
> quite a few along the way, albeit, no one was willing to answer
> any of my questions, just alot of T-Shirt promotions, ...

APRSdos REPLY/COMMENT: I agree, there is a lot of wasted bandwidth here.
I try to answer all APRS questions I see. A question like you posed, what
is APRS or how do I use it, really is an unanswerable question within the
bandwidth of this SIG, hi hi. I have written over 2 inches of printed
documtation in the readme files and everyone wants me to write MORE....

I think the way to get an answer, is to ask a specific question, those

are easy to answer... hi hi

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From gwyn@paccomm.com Fri Sep 27 10:36:30 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA26399 for <aprssig@tapr.org>; Fri, 27 Sep 1996
10:36:27 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp
     (Smail3.1.29.1 #1) id m0v6exn-000FQLC; Fri, 27 Sep 96 11:36 EDT
Received: by gwyn.paccomm.com with Microsoft Mail
     id <01BBAC68.0D44A780@gwyn.paccomm.com>; Fri, 27 Sep 1996 11:35:58 -0400
Message-ID: <01BBAC68.0D44A780@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: FW: [APRSSIG:5159] Baycom as a Wide Digi?
Date: Fri, 27 Sep 1996 11:35:56 -0400
Encoding: 16 TEXT

 Richard L. Holbert[SMTP:holbert@arinc.com] said on Friday, September 27,
1996 4:04 AM

>I know APRS can't use Baycom modems directly, but has anyone tried
>to use one as a digipeater? The current Dayton Wide consists of a
>dedicated "klunker" computer running APRS and a TNC. By switching to
>Baycom I could free up the TNC for some other projects.

The Baycom should work fine as a normal digipeater. Its your choice - a
computer and a baycom or a stand-alone TNC. Guess it depends on what you
have excess of.

From bruninga@nadn.navy.mil Fri Sep 27 11:10:37 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA27721 for <aprssig@tapr.org>; Fri, 27
Sep 1996 11:10:34 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id MAA07267 for <aprssig@tapr.org>; Fri, 27 Sep 1996
12:15:37 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 27 Sep 1996 12:15:37 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5152] Re: unproto
In-Reply-To: <324B6D10.2466@cyberenet.net>
Message-ID: <Pine.GSO.3.95.960927121120.29077K-100000@arctic>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Sep 1996, Bob Derderian wrote:

> I had asked if it were possible to have APRS look at the incoming path
> of a MSG and then use that SAME path in REVERSE as the reply path.

APRSdos REPLY/COMMENT: That is the #1 best improvement that can be made
in APRS, but here is the probelm. Using UI frames, you have to go to
command moe\de, change the unproto path, then go back to converse mode,
then send the packet, then wait up to 10 or 15 seconds for the channel to
clear or whatever, to be sure that that UNPROTO path gets used for THAT
packet. Once you change the UNPROTO path, you have NO GUARANTEE that it
will be used by any given packet in the queue. The UNPROTO is assigned at
the instant of transmitting, NOT when you firsst send it to the TNC. SO I
have found that you have to NOT send anything to the TNC for up to 10
wseconds or more to guarantee that the packet gets teh UNPROTO you
intended before you can change the UNPROTO to smoething eles. This is
just too much trouble on ARPS until we go to KISS mode...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From dcreek@pixi.com Fri Sep 27 11:14:34 1996
Received: from mail.pixi.com (phoenix.pixi.com [204.182.46.6]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA27928 for <aprssig@tapr.org>; Fri, 27 Sep 1996
11:14:32 -0500 (CDT)
Received: from mothra28.pixi.com (mothra28.pixi.com [140.174.243.159]) by
mail.pixi.com (8.7.5/8.7.3/PIXI-5.0) with SMTP id GAA11850; Fri, 27 Sep 1996
06:09:44 -1000 (HST)
Date: Fri, 27 Sep 1996 06:06:17 -1000 (HST)
From: Dave Creek <dcreek@pixi.com>
To: kb6lfm@ix.netcom.com
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:5160] Re: HF STATIONS HEARD IN NE OHIO.
In-Reply-To: <324BD061.11E5@ix.netcom.com>
Message-ID: <Pine.PCW.3.95.960927055117.9807A-100000@mothra28.pixi.com>
X-X-Sender: dcreek@imap-server.pixi.com
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> > Hello Tom. Bill here in San Francisco. The HF GATEWAY here is a
> TS-450s/AT, KAM+ and a 2 element Quad at 50'. Generally speaking, an
> omni-directional antenna would be the preferred, but having the Pacific
> Ocean as my neighbor, wouldn't make "propagating" to the west a very
> good idea. I do track some M/M's at times such as the "TransPac-96"
> sailboat race that started 16 Solo Sailboats on a voyage/race from San
> Francisco to Hawaii. perhaps you caught it. The "Baja Ha Ha!" S/V race
> will start in San Diego on October 28th. and will end in Cabo Saint Lucas
> Mexico. So, as you can see there are some advantages to having a
> directional HF antenna for APRS. I'll be looking for your "icon" on my
> screen Tom!
>

> 73 de Bill (Radio Flyer) KB6LFM
> APRS M/M GATEWAY Station in San Francisco.

Hello Bill, Dave here on Oahu. I guess we APRS users here in Hawaii really
don't NEED to see what's going on on the mainland. It isn't like any
mainland mobiles are going to be driving out our way.
We run into the same problems during field day and other contests, it's
hard to communicate when talking to the back of all the beams in '6'land.
As a San Franciscan born and raised, I used to think that we had a more
worldly view than this.
In 1993 while visiting my sister in Woodland, I had my 2 meter HT with me.
Many times on the Sacramento Valley repeater system I was asked what kind
of strange call I had. I was even accused of being a bootlegger! <SIGH>
It's tough being an Old Fart Ham.

Dave Creek, NH6BA
Ewa Beach, HI
dcreek@pixi.com

From bruninga@nadn.navy.mil Fri Sep 27 11:18:11 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA28084 for <aprssig@tapr.org>; Fri, 27
Sep 1996 11:18:10 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id MAA07824 for <aprssig@tapr.org>; Fri, 27 Sep 1996
12:23:13 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 27 Sep 1996 12:23:13 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5159] Baycom as a Wide Digi?
In-Reply-To: <96Sep27.084700edt.27652@interlock.arinc.com>
Message-ID: <Pine.GSO.3.95.960927122212.29077M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Sep 1996, Richard L. Holbert wrote:

> I know APRS can't use Baycom modems directly, but has anyone tried
> to use one as a digipeater? The current Dayton Wide consists of a
> dedicated "klunker" computer running APRS and a TNC. By switching to
> Baycom I could free up the TNC for some other projects.

APRSdos REPLY/COMMENT: The APRS TNC on a chip called the MIM is being
prepared to operate as a complete APRS DIGI. We will let you konw when it
is ready...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From wclement@the-hermes.net Fri Sep 27 11:31:40 1996
Received: from seeker (root@seeker.the-hermes.net [205.177.6.2]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id LAA28711 for <aprssig@tapr.org>; Fri, 27 Sep 1996 11:31:37 -0500 (CDT)
Received: from athena-4.the-hermes.net (athena-4.the-hermes.net [205.177.6.34]) by seeker (8.6.12/8.6.12) with SMTP id MAA16465 for <aprssig@tapr.org>; Fri, 27 Sep 1996 12:20:06 -0400
Posted-Date: Fri, 27 Sep 1996 12:20:06 -0400
Received: by athena-4.the-hermes.net with Microsoft Mail
     id <01BBAC6F.E083C520@athena-4.the-hermes.net>; Fri, 27 Sep 1996 12:31:59 -0400
Message-ID: <01BBAC6F.E083C520@athena-4.the-hermes.net>
From: "William I. Clement" <wclement@the-hermes.net>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:5166] APRS CROSSLINK
Date: Fri, 27 Sep 1996 12:30:50 -0400
Encoding: 9 TEXT, 32 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

AVAILABILITY. Will Clement has the MIM chip both transmitting and receiving packets. It would be "trivial" to make it do this.. Right Will?

Yup, trivial.

Will Clement, N3XLM, President
Clement Engineering, Inc.
wclement@the-hermes.net

begin 600 WINMAIL.DAT
M>)\^(CL0`0:0" `$`````!``$``0>0!@`(````Y 0```````#H``$-@ 0`
M`@````(``@`!!) &``P!```!````# ````,``# #`````"P`/#@`````"`?\/
M`0```#\``````````@2L?I+ZC$!F=;@#=`0]4`@````!A<')S<VEG0'1A<'(N
M;W)G`%--5% `87!R<W-I9T!T87!R+F]R9P``'@`", $````%````4TU44 ``
M```>``,P`0```!$```!A<')S<VEG0'1A<'(N;W)G``````,`%0P!`````P#^
M#P8````>``$P`0```!,````G87!R<W-I9T!T87!R+F]R9R<```(!"S !````
M%@```%--5% Z05!24U-)1T!405!2+D]21P````,``#D`````"P! .@$````"
M`?8/`0````0````````#$RX!"(''!@```!)4$TN36EC<F]S;V9T($UA:6PN
M3F]T90`Q" $$@ $`(@```%)%.B!;05!24U-)1SHU,38V72!!4%)3($-23U-3
M3$E.2P#\" $%@ ,`#@```,P'"0`;``P`'@`R``4`6 $!(( #`X```#,!PD`
M&P`,`!T`&@`%`#\!`0F `0`A````.4(Q0T8P,C(V,3$X1# Q,4)$-3<T-#0U
M-3,U-# P,# `PP8!`Y &``0#```2````"P`C```````#`"8```````L`*0``
M`````P`V``````! `#D`0*+\/I&LNP$>`' ``0```"(```!213H@6T%04E-3
M24<Z-3$V-ET@05!24R!#4D]34TQ)3DL````"`7$``0```!8````!NZR1/OPB
M\!R<&&$1T+U71$535 `````>`!X,`0````0```!&05@`'@`?# $````2````
M*S$@*#0Q,"D@-3$X+38U.3<````#``80JO;\0@,`!Q##`````'@`($ $```!E
M`````059!24Q!0DE,25195TE,3$-,14U%3E1(05-42$5-24U#2$E00D]42%12
M04Y334E45$E.1T%.1%)%0T5)5DE.1U!!0TM%5%-)5%=/54Q$0D4B5%))5DE!
M3")43TU!2T5)5$1/5 `````"`0D0`0```(0!``" `0``E (``$Q:1G66,=7S
M_P`*`0\"%0*H!>L"@P!0`O()`@!C: K <V5T,C<&``;#`H,R`\4"`'!R0G$1
MXG-T96T"@S/O`T43-0=M`H,T`N0'$P* +GT*@ C/"=D[&#\R-1XU`H *@0VQ
M"V!N9S%\,#,44 L*%H$+\A-0;P43T&,%0$%604E,!$%"'9!)5%DN(,P@5P,0
M`R!#;!/@"?!'!4 1@ 0@=&AE!=!)[$T@$7 %(" &X!]@'U R<@!Q;6D"0 N
M9R -`'!D"H480&-E:793(1(*L&-K$<!S'B%)905 =PA@;&0@(!^ (I<@@"(Q
M!T B'U!O(# Y2+ ("#@(&0DH!]@! ""+AXA4FEG:'0*A:T>4C*CQQ(8P!

```
M("<%L%EU<"P@<20C+B<//QQ/*.8JKRB%'EHID$XSZ%A,32F04!A `) -L/<"
M,"QE'J9%&T +@ G@!1 C&T ID$EN8RHF=V-5'K1 'V$M'W!R!X$N?3%@= M&
M%%$KKP7 %V$``38P`P`0$ `````#`!$0`````$ `!S!@SW@,D:R[`4 `"#!@
=SW@,D:R[`1X`/0`!````!0```%)%.B `````);@`
`
end
```

From wo0e@sky.net Fri Sep 27 13:26:53 1996
Received: from sky.net (wo0e@solar.sky.net [198.70.175.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA03526 for <aprssig@tapr.org>; Fri, 27 Sep 1996
13:26:51 -0500 (CDT)
Received: from localhost (wo0e@localhost) by sky.net (8.7.3/8.7.3) with SMTP id
NAA27061 for <aprssig@tapr.org>; Fri, 27 Sep 1996 13:26:47 -0500 (CDT)
Date: Fri, 27 Sep 1996 13:26:47 -0500 (CDT)
From: Bill Lefler <wo0e@sky.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5129] Re: UNPROTO and crippled unregistered software.
In-Reply-To: <324AA731.47B6241F@cyclades.com>
Message-ID: <Pine.GSO.3.93.960927132518.25580A-100000@sky.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Sep 1996, Paul Christenson wrote:

> Nah... still using CW!
          ^^^^^^^^^^^^^^^^
You mean there is some other HF mode???????????????????????? 8-)

****
wo0e@sky.net - Bill Lefler - Kansas City KS
Amateur Radio - WO0E (Dub-Yo-Zeree)
"There is mno milk without some manure."
****

From gwyn@paccomm.com Fri Sep 27 13:51:33 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA04323 for <aprssig@tapr.org>; Fri, 27 Sep 1996
13:51:30 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp
     (Smail3.1.29.1 #1) id m0v6i0Z-000FQLC; Fri, 27 Sep 96 14:51 EDT
Received: by gwyn.paccomm.com with Microsoft Mail
     id <01BBAC83.50A674C0@gwyn.paccomm.com>; Fri, 27 Sep 1996 14:51:07 -0400
Message-ID: <01BBAC83.50A674C0@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: FW: [APRSSIG:5173] Re: unproto
Date: Fri, 27 Sep 1996 14:51:05 -0400
Encoding: 7 TEXT

 Bob Bruninga[SMTP:bruninga@nadn.navy.mil] said:

. This is just too much trouble on ARPS until we go to KISS mode...

Do you mean 'unless we go to KISS mode' or as you said it? If the former, when?

From jclakeland@ucdavis.edu Fri Sep 27 13:54:07 1996
Received: from guilder.ucdavis.edu (root@[128.120.8.181]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA04402 for <aprssig@tapr.org>; Fri, 27 Sep 1996
13:54:05 -0500 (CDT)
Received: from DialupEudora by guilder.ucdavis.edu (8.7.5/UCD3.5.9)
     id LAA08108; Fri, 27 Sep 1996 11:52:42 -0700 (PDT)
Message-Id: <199609271852.LAA08108@guilder.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Sep 1996 11:54:22 -0800
To: aprssig@tapr.org
From: jclakeland@ucdavis.edu (John Lakeland)
Subject: Docs vs Restrictions

Hi all,
     While I agree that putting some restrictions in the unregistered version of APRS would probably be a good idea, there are a few things to consider. Not the least is that many versions are already released which have no restrictions. Second, while it might prompt some to register it won't necessarily "make them learn" or force them to care.
     At the least, making APRS documentation as easily available as possible, and as clear and easy to understand as possible would allow those who do care to "get with it" as quickly and completely as they can. I find "learning" about systems like APRS is one of the things I enjoy about amateur radio. It is satisfying to me to be able to visualize what is going on in the net. APRS is particularly nice from this standpoint.
     MAJOR POINT: more and more Mac APRS and Win APRS users are coming on the system. Few to none of these are going to figure out right off the bat that they need to download APRS77 and keep the docs and throw away the rest. Without this material one is really crippled no matter what one's desire to "do things right". So I really hope Keith Sproul will include the DOS docs (the ones that are general) with both his programs. Also, a "docs only" file would make it a lot easier for those already on the system to get the information they need to become competent.
     Don't get me wrong, I've been in technical enterprises all my life and I know that there will always be poeple who don't really care and screw things up. What can be done about that I haven't yet figured out (probably nothing). My point is that lets not make it hard for those who do care to do right. It's very easy to forget what it was like to have no idea what a UI frame is or what UNPROTO means etc. Most newbies have no such knowledge.
     Well, I've got the docs I need now, and I've already emailed them to another Mac user who asked if I could save him the trouble of downloading a meg of DOS .exe files to get them. I'm just a user though and don't have the time or resources to distribute this stuff. Hope you guys do.

John Lakeland kc6vlr

From jratchf@bulldog.afsc.k12.ar.us Fri Sep 27 14:21:04 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA05201 for <aprssig@tapr.org>; Fri, 27 Sep 1996
14:21:01 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip6.afsc.k12.ar.us
[170.211.157.180]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id OAA14596
for <aprssig@tapr.org>; Fri, 27 Sep 1996 14:20:55 -0500
Message-Id: <199609271920.OAA14596@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: APRSKY
Date: Fri, 27 Sep 1996 14:20:09 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Talk about a need for the APRS SKYWARN. Yesterday we had the kind of storms that you don't want! Tornado and Flash Floods!

Just before 7 am our voice repeater blew it top and there was a need for the SKYWARN net in less than an hour! Fortunately, we had another repeater available to us locally, but it was not connected to the state skywarn net (which has failed anyway). Our local SKYWARN net went into effect at 7:14 am and ran until 4 pm. At 7:43 a tornado was sighted. It took over 30 minutes to get the information through the NWS in LR and back out over "regular" channels. By that time the storm had passed our area and was touched down close to a heavily populated area. Then came the rains. Flooding insued and at least one vehicle was caught and washed down a town branch!

During all this the APRS net was quitely and efficiently being used in the local area. The information as it was happening was being entered by another station and bulletins were being issued as well. What was the NWS doing at that time? They were tied up with un-ending squelch tails from the multiple linked repeaters that totally disrupted the SkyWarn voice net and was of no use! Had we had an APRS SKYWARN Net available and in place, the information would have been distributed and equally importantly reported on time and in a timely manner.

It is ever more clear that there is a need, at least here, for a packet based SKYWARN Net. I hope that this issue will be followed through in the future as "improvements" to APRS and its many uses.

Is there a future for the APRSKY? You bet! During my trip to NY I met with several hams that expressed an interest in the idea. Unfortunately, most were not users of the internet or this group. That will only take time. One thing that kept coming up was the need for a national conference on APRS and it's many uses. Dayton was mentioned on several occations but with reservation as there didn't seem to be enough focus on the issues. Or enough time for that matter. "Everyone goes to Dayton to visit and look at

the new stuff" was repeated over and over. Maybe there should be a more detailed agenda planned or planning for longer meetings.

Anyhoo, this is yet another atempt to bring SKYWARN to the forefront and see what happens. I want to thank all those who participated in the previous discussions and for the direct e-mail. I also want to appologize for the bandwidth to those who don't care about this issue. And to those I missed on the trip, well..... maybe next time!

73

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* ARRL * ARES EC * RACES * NAARS, Inc. *
* MVFD/EMS FR * CCL #426 *

From jkozak@erols.com Fri Sep 27 15:03:21 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA06687 for <aprssig@tapr.org>; Fri, 27 Sep 1996 15:03:19 -0500 (CDT)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by smtp1.erols.com (8.7.5/8.7.3) with SMTP id QAA13669 for <aprssig@tapr.org>; Fri, 27 Sep 1996 16:03:16 -0400 (EDT)
Date: Fri, 27 Sep 1996 16:03:16 -0400 (EDT)
Message-Id: <199609272003.QAA13669@smtp1.erols.com>
X-Sender: jkozak@erols.com (Unverified)
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Re: [APRSSIG:5175] APRS TNC on a chip

>APRSdos REPLY/COMMENT: The APRS TNC on a chip called the MIM is being
>prepared to operate as a complete APRS DIGI. We will let you konw when it
>is ready...

I've seen mention of this MIM TNC on a chip, but no particulars. I'm new to this stuff so maybe I've missed it. What is it, where is it and how much is it? I guess that just about covers it.

N3AGG
JWK

From n8chb@juno.com Fri Sep 27 15:15:26 1996
Received: from x2.boston.juno.com (x2.boston.juno.com [205.231.101.21]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA07031 for <aprssig@tapr.org>; Fri, 27 Sep 1996 15:15:24 -0500 (CDT)
Received: (from n8chb@juno.com) by x2.boston.juno.com (queuemail)
     id QAA24923; Fri, 27 Sep 1996 16:12:09 EDT
To: aprssig@tapr.org
Date: Fri, 27 Sep 1996 19:59:11 PST

Subject: Re: HF STATIONS HEARD IN NE OHIO.
Message-ID: <19960927.195915.7406.0.n8chb@juno.com>
References: <Pine.PCW.3.95.960927055117.9807A-100000@mothra28.pixi.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-1,3,5-16
From: n8chb@juno.com (Roger Breckon)

Hello Dave NH6BA,

      If you want to see the tables turned just check into the Hawaii / Cal net any evening
on 20 mtrs. Your area is often 59 + 10 and with a 3 el mono I can hardly hear the
zillion others (usually 40 or more hi) stations pointed your way.

Ever feel like you'r trapped on an Ill dave?
well your feelings are not lie-in to you. You R.......

Have fun wit aprs and send some RF to the east sometime.

73

Roger n8chb somewhere in Michigan.

From rwf@mindspring.com Fri Sep 27 15:21:44 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA07338 for <aprssig@tapr.org>; Fri, 27 Sep 1996 15:21:43 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id QAA15783 for <aprssig@tapr.org>; Fri, 27 Sep 1996 16:21:42 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id QAA08057 for <aprssig@tapr.org>; Fri, 27 Sep 1996 16:21:41 -0400
Message-Id: <2.2.32.19960927201641.006c8214@atl.mindspring.com>
X-Sender: rwf@atl.mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Sep 1996 16:16:41 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:5159] Baycom as a Wide Digi?

I don't know for sure 0if it can even digi, but if it could, you would have to tie up a PC. A PC costs about 130.00 per year to run (so I have heard). I own a Baycom, and used it twice. Then I got a real TNC so it could work when the PC was off.

Remember a Baycom is a MODEM only. It has no smarts. IT *must* have a PC attached, running the proper software!

Ralph

At 08:04 AM 9/27/96 -0500, you wrote:
>I know APRS can't use Baycom modems directly, but has anyone tried
>to use one as a digipeater?

From wa8inz@cris.com Fri Sep 27 15:22:26 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA07358 for <aprssig@tapr.org>; Fri, 27
Sep 1996 15:22:24 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id QAA05456; Fri, 27 Sep 1996 16:22:23 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc000095.concentric.net [206.173.121.95])
     by cliff.cris.com (8.7.5)
     id QAA22952; Fri, 27 Sep 1996 16:22:21 -0400 (EDT)
Message-ID: <324C5389.6FA@cris.com>
Date: Fri, 27 Sep 1996 15:22:01 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5179] Docs vs Restrictions
References: <199609271852.LAA08108@guilder.ucdavis.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Lakeland wrote:
>
> Hi all,
>   While I agree that putting some restrictions in the unregistered
> version of APRS would probably be a good idea, there are a few things to
> consider. Not the least is that many versions are already released which
> have no restrictions. Second, while it might prompt some to register it
> won't necessarily "make them learn" or force them to care.
> John Lakeland kc6vlr

--------- snip ---------

That was not the idea the forcing users to register. You are missing the point totally!. When a group of new users get on the area system and use path's that create a total mess, and then as a long time user like myself ask (In a friendly way) to read the OPS.TXT in order to use the correct path when keyboarding with another users that's only 10 miles away (With a digi between them yet) and those people get hostile and send me messages to stick it!, then no documentation or being a Mentor would ever help those people. Fellows i live in the real world not one of where everything is perfect like some of you seem to be living in.

--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
     A BIG HAND FOR THOSE MENTOR VOLUNTEERS

      http://www.concentric.net/~wa8inz

From bruninga@nadn.navy.mil Fri Sep 27 15:38:36 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA08010 for <aprssig@tapr.org>; Fri, 27
Sep 1996 15:38:33 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id QAA17437 for <aprssig@tapr.org>; Fri, 27 Sep 1996
16:43:37 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 27 Sep 1996 16:43:37 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5181] Re: APRS TNC on a chip
In-Reply-To: <199609272003.QAA13669@smtp1.erols.com>
Message-ID: <Pine.GSO.3.95.960927164256.6537H-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Sep 1996, John W. Kozak wrote:

> I've seen mention of this MIM TNC on a chip, but no particulars. I'm new to
> this stuff so maybe I've missed it. What is it, where is it and how much is
> it? I guess that just about covers it.

APRSdos REPLY/COMMENT: See TELEMTRY.txt and VOX-APRS.txt in the README
directory of your copy of APRS.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From fehner@cts.com Fri Sep 27 15:49:52 1996
Received: from burnout.cts.com (root@burnout.cts.com [204.216.216.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA08525 for <aprssig@tapr.org>; Fri, 27 Sep 1996
15:49:51 -0500 (CDT)
Received: from fehnercom.cts.com (fehnercom.cts.com [198.68.171.229]) by
burnout.cts.com (8.6.12/8.6.9) with SMTP id NAA09085 for <aprssig@tapr.org>; Fri,
27 Sep 1996 13:49:47 -0700
Message-Id: <2.2.32.19960927205135.006cee08@mail.cts.com>
X-Sender: fehner@mail.cts.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Sep 1996 13:51:35 -0700
To: aprssig@tapr.org
From: Barbara Fehner <fehner@cts.com>
Subject: Re: [APRSSIG:5172] FW: Baycom as a Wide Digi?

Don't forget Digicom, the original software TNC. It can operate as both a digipeater and a KA type node. It also has the ability to operate from an external ROM which eliminates the need for a disk drive and also can be remote controlled. C64 and C128 computers are almost free for the taking. I use a C128 as a spare packet station here.

Barbara KK6IB
E-Mail: fehner@cts.com

At 10:45 AM 9/27/96 -0500, you wrote:
> Richard L. Holbert[SMTP:holbert@arinc.com] said on Friday, September 27, >1996 4:04 AM
>
>>I know APRS can't use Baycom modems directly, but has anyone tried
>>to use one as a digipeater? The current Dayton Wide consists of a
>>dedicated "klunker" computer running APRS and a TNC. By switching to
>>Baycom I could free up the TNC for some other projects.
>
>
>The Baycom should work fine as a normal digipeater. Its your choice - a
>computer and a baycom or a stand-alone TNC. Guess it depends on what you
>have excess of.
>

From bbliss@juno.com Fri Sep 27 16:26:22 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA09597 for <aprssig@tapr.org>; Fri, 27 Sep 1996 16:26:20 -0500 (CDT)
Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
     id RAA06260; Fri, 27 Sep 1996 17:23:06 EDT
To: wb4apr@amsat.org
Cc: aprssig@tapr.org
Subject: Calif HF Gateway stations
Message-ID: <19960927.142142.2287.0.bbliss@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1-16,18-22,24-28,30-43
From: bbliss@juno.com (William B. Bliss)
Date: Fri, 27 Sep 1996 17:23:06 EDT

Hi Bob,   Filed: 271930GMT SEP 96
    Here info you requested. Sent a local Pkt msg for info, two out of state answers, none fm local area, . So here is dope as best I can figure, and in format for APRS GATES.BK file, I hope

```
p,WB6LPG      271827 !******/3727.27N/12226.29W&BAY AREA HF GATEWAY STA
p,W7KKE        271827 !******/3733.92N/12215.24W&30/40M OCASSIONALLY
p,WB6OVH      271828 !******/3838.03N/12116.82W&7085/LSB OCASSIONALLY
p,KO6JR          271829 !******/3759.23N/12205.13W@7085/LSB OCASSIONALLY
p,KB6LFM      271830 !******/3743.29N/12210.53W&30M/10151/LSB FREQUENTLY
p,AC6JA          271831 !******/3733.26N/12216.87W&30M/40M OCASSIONALY
p,KB6JC          271832 !******/3919.50N/12011.00W&30M ON OCCASIONS
p,WD6BKB      271833 !******/3806.78N/12236.35W& OCASSIONALY
p,KI6MP         271834 !******/3251.50N/11712.50W& 30M CONTINUOUSLY

  Others in the Western states, and on HF/30M.
p,KB0MQQ     271153 @271852z3944.75N/10504.42W& Denver Gate
parttime.Lloyd
p,N0JVH        271203 !******/3902.32N/10444.23W& Jeff, Black Forest, CO.
p,KC7DRX      271107 @271807z4735.08N/12238.12W-PACNWEST/WEST PUGET SOUND
p,K7ZTM        271202 !******/4103.48N/11156.33W& Pete, Layton, UT.
p,KC7CO         271203 !******/4031.87N/11150.95W& Doug, Sandy, UT.
p,AA5PK       271204 !******/3125.07N/10029.04W& HF GATEway, San Angelo,
TX.

   New Northern Calif Digis, on 145.01...

p,KC7LAS-3   271204 !******/3930.70N/11947.07W# APRS DIGI, Reno, NV.
p,KC7RSX-3   271205 !******/3646.87N/11942.33W# WIDE DIGI, Fresno, CA
<RKE>

Bob, sent on packet, then rememberd the may not pass on to you. Havin
pblms with line length this Juno net, so may get extra lfcr out on end
of line , sorry cain't figure it out.

73's & Enjoy, Bill/WB6LPG <wbliss@coastside.net><bbliss@juno.com>
/EX

NNNN
```

```
From kb6lfm@ix.netcom.com Fri Sep 27 16:38:09 1996
Received: from dfw-ix10.ix.netcom.com (dfw-ix10.ix.netcom.com [206.214.98.10]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA10081 for <aprssig@tapr.org>; Fri, 27
Sep 1996 16:38:07 -0500 (CDT)
From: kb6lfm@ix.netcom.com
Received: from ala-ca14-06.ix.netcom.com (kb6lfm@ala-ca14-06.ix.netcom.com
[204.32.168.70]) by dfw-ix10.ix.netcom.com (8.6.13/8.6.12) with SMTP id OAA25142;
Fri, 27 Sep 1996 14:37:01 -0700
Message-ID: <324C48A3.47D9@ix.netcom.com>
Date: Fri, 27 Sep 1996 14:35:31 -0700
X-Mailer: Mozilla 2.01E-NC250  (Win95; U; 16bit)
MIME-Version: 1.0
To: Dave Creek <dcreek@pixi.com>
CC: aprssig@tapr.org
```

Subject: Re: [APRSSIG:5160] Re: HF STATIONS HEARD IN NE OHIO.
References: <Pine.PCW.3.95.960927055117.9807A-100000@mothra28.pixi.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave Creek wrote:
>
> > > Hello Tom. Bill here in San Francisco. The HF GATEWAY here is a
> > TS-450s/AT, KAM+ and a 2 element Quad at 50'. Generally speaking, an
> > omni-directional antenna would be the preferred, but having the Pacific
> > Ocean as my neighbor, wouldn't make "propagating" to the west a very
> > good idea. I do track some M/M's at times such as the "TransPac-96"
> > sailboat race that started 16 Solo Sailboats on a voyage/race from San
> > Francisco to Hawaii. perhaps you caught it. The "Baja Ha Ha!" S/V race
> > will start in San Diego on October 28th. and will end in Cabo Saint Lucas
> > Mexico. So, as you can see there are some advantages to having a
> > directional HF antenna for APRS. I'll be looking for your "icon" on my
> > screen Tom!
> >
> > 73 de Bill (Radio Flyer) KB6LFM
> > APRS M/M GATEWAY Station in San Francisco.
>
> Hello Bill, Dave here on Oahu. I guess we APRS users here in Hawaii really
> don't NEED to see what's going on on the mainland. It isn't like any
> mainland mobiles are going to be driving out our way.
> We run into the same problems during field day and other contests, it's
> hard to communicate when talking to the back of all the beams in '6'land.
> As a San Franciscan born and raised, I used to think that we had a more
> worldly view than this.
> In 1993 while visiting my sister in Woodland, I had my 2 meter HT with me.
> Many times on the Sacramento Valley repeater system I was asked what kind
> of strange call I had. I was even accused of being a bootlegger! <SIGH>
> It's tough being an Old Fart Ham.
>
> Dave Creek, NH6BA
> Ewa Beach, HI
> dcreek@pixi.com

Nice try Dave!

Subject was/is "HF STATIONS HEARD IN NE OHIO" The only comments that I
can make to your "un-solicited" input is, You said in your first sentence
" We APRS users here in Hawaii".

You mean to say that there are two of you now??

Dave, if you are up to addressing the issues regarding the lack of
interest in APRS in KH6, or the absence of HF gateways to KH6 and the
rest of the world, I would love to see some "constructive" ideas or
proposals. This SIG (in my humble opinion) needs to address these issues.
after all, if we don't who will? When KH6 needs a HF GATEWAY STATION here
on the West Coast... I volunteer.!

GL es 73 Dave. de Bill KB6LFM

From amirault@laraby.tiac.net Fri Sep 27 18:22:33 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA13632 for <aprssig@tapr.org>; Fri, 27 Sep 1996 18:22:31 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.8.0/8.6.6.Beta9) id TAA14836; Fri, 27 Sep 1996 19:26:42 -0400 (EDT)
Date: Fri, 27 Sep 1996 19:26:42 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: DF Registration?
In-Reply-To: <199609271852.LAA08108@guilder.ucdavis.edu>
Message-ID: <Pine.BSF.3.91.960927192342.14680B-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've just upgraded from 7.5 to 7.7b.

I've plugged in my APRS registration number.
I've plugged in my WX registration number.

I still have a DF registration number, but APRS has not yet asked me for it.
Where does it go in this version? (I run two APRS stns, one a WX the
other normal)

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From Miles_Mann@smtpnotes.pictel.com Fri Sep 27 18:40:44 1996
Received: from gateway-gw.pictel.com (gateway-gw.pictel.com [140.242.1.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA14204 for <aprssig@tapr.org>; Fri, 27 Sep 1996 18:40:38 -0500 (CDT)
Received: from roadrunner.pictel.com by gateway-gw.pictel.com (4.1/cf.gw.940128.1740)
     id AA01644; Fri, 27 Sep 96 19:40:09 EDT
Received: from smtpnotes.pictel.com by roadrunner.pictel.com (4.1/runner.910925.1)
     id AA05788; Fri, 27 Sep 96 19:40:08 EDT
Received: by smtpnotes.pictel.com (4.1/SMI-4.1)
     id AA20841; Fri, 27 Sep 96 19:40:07 EDT
Message-Id: <9609272340.AA20841@smtpnotes.pictel.com>
Received: from PicTel with "Lotus Notes Mail Gateway for SMTP" id
  ACDA6EFF6369F49C852563B20080EE0C; Fri, 27 Sep 96 23:40:06
To: Bob Bruninga <bruninga@nadn.navy.mil>
Cc: aprssig <aprssig@tapr.org>, amsat-bb <amsat-bb@amsat.org>
From: Miles Mann/PicTel <Miles_Mann@smtpnotes.pictel.com>
Date: 27 Sep 96 19:38:02 EDT
Subject: Re: APRS/AMSAT VHF FREQ
Mime-Version: 1.0
Content-Type: Text/Plain

The Satellite Sub band will still be used by satellites.

Including Mir and the ISS.
There will be multiple channels set aside for Mir and ISS Satellite uplinks
between 144.300 and 144.500
channel 1 144.350 World wide uplink
 2 144.400 worldwide uplink
 3 144.450 worldwide uplink
 4 144.490 Uplink for Europe

down link channels for FM Ax.25 1200 baud packet
will be between 145.800-840 and 145.550

FM Sattelite operations requires a minimum of a 30k channel.
The move to 145.800 or 145.810 cannot take place until
APRS and all digi repeaters on 145.790 move south.

All freqs, below 144.500 should be considered "Weak Signal"
and no terrestrial repeater operations of any type should be allowed.
G. Miles Mann WF1F

To: aprssig @ tapr.org @ smtp
cc: amsat-bb @ amsat.org @ smtp
From: bruninga @ nadn.navy.mil (Bob Bruninga) @ smtp
Date: 09/27/96 11:15:44 AM
Subject: Re: APRS/AMSAT VHF FREQ

On Thu, 26 Sep 1996, William B. Bliss wrote:

>   Following rumor just received from our local NCPA President,
> (Northern Calif Packet Assoc.) and forwarding to sig for info:
>
> ... AMSAT no longer needs their 144.3-144.5 satellite segment. ...
> the plan is for the NCPA to allocate it for digital use. The information
> is coming from the NFCC (National Frequency Coordinator's Council)...
>
> Now, as a representative on the NCPA board, I wanted to give you the
> opportunity to discuss the following comment from one of the NFCC vips:
>
> >From: WhitBrown@aol.com
> >
> >I suggest that this might be an excellent opportunity to ask the APRS
> >troops to consider QSY'ing from 145.79 to somewhere in the vacated
> >144.3-144.5 segment, perhaps 144.49 (or even .47 or .48)?.

COMMENT: Well, I sure hate to see AMSAT give that up. I thought that was
used for MIR and SHUTTLE uplinks and scheduled QSO's! Especially in light
of the impossibility of finding other worldwide SATELLITE channels. I
personally think that we are only beginning to see the vast potential for
mobile vehicle, boats RV's use of GPS and APRS for remote vehicle
tracking and communications. Since 30 watts into an FM rig with only a
lightly modiifed TNC will give you a very good uplink to an amateur

PACSAT. I would hope that one channel in that band would be dedicated
to APRS/GPS position/status report uplinks from mobiles worldwide!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From w4wwq@juno.com Fri Sep 27 18:59:15 1996
Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA14630 for <aprssig@tapr.org>; Fri, 27
Sep 1996 18:59:13 -0500 (CDT)
Received: (from w4wwq@juno.com) by x3.boston.juno.com (queuemail)
     id TAA06222; Fri, 27 Sep 1996 19:58:04 EDT
To: aprssig@tapr.org
Date: Fri, 27 Sep 1996 17:23:48 PST
Subject: Follow-up on MindSpring & PSINet Pipeline
Message-ID: <19960927.172649.5463.0.W4WWQ@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 3-6,9-10,16-17,19-20,22-26
From: w4wwq@juno.com (Peter J Lascell)

I posted to the SIG a bit over a week ago (APRSSIG:4800)regarding issues
with subject Internet providers. Since I had sent the original SIG
message there have been a number of comments received.   Each was
interested in how their provider responds to someone else's problems.

 Here is what has happened.

MindSpring has responded quickly, by two people in their organization,
stating that I will not be given an account automatically (because I
said I didn't want it). Great!

Now the rub is on the other foot. I have to deal with
Billing@pipeline.com to get the charges dropped. That seems doable.
Two messages to them have gone unanswered even though follow-up contacts
at MindSpring (the new owner of Pipeline) say I should expect a response
from Pipeline, BUT, they are not able to (I read that as "will not")
intercede on my behalf.

 I am waiting to see who is first to respond now, my credit card company
or Pipeline.

I want to get on with Ham Radio, APRS and nice fall weather, but this
little stuff keeps taking the fun out of it.

Pete W4WWQ

From bruninga@nadn.navy.mil Fri Sep 27 22:04:27 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA19765 for <aprssig@tapr.org>; Fri, 27
Sep 1996 22:04:25 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id XAA25590 for <aprssig@tapr.org>; Fri, 27 Sep 1996
23:09:28 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 27 Sep 1996 23:09:28 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5189] DF Registration?
In-Reply-To: <Pine.BSF.3.91.960927192342.14680B-100000@laraby.tiac.net>
Message-ID: <Pine.GSO.3.95.960927230851.25482B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Sep 1996, Richard Amirault wrote:

> I've just upgraded from 7.5 to 7.7b.
>
> I still have a DF registration number, but APRS has not yet asked me for it.

APRSdos REPLY/COMMENT: It wont ask for it until you configure for a DF
unit.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From james-m@ix7.ix.netcom.com Fri Sep 27 22:33:12 1996
Received: from dfw-ix7.ix.netcom.com (dfw-ix7.ix.netcom.com [206.214.98.7]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA20632 for <aprssig@tapr.org>; Fri, 27
Sep 1996 22:33:09 -0500 (CDT)
From: james-m@ix7.ix.netcom.com
Received: from james-m (sav-ga1-17.ix.netcom.com [205.184.8.49]) by dfw-
ix7.ix.netcom.com (8.6.13/8.6.12) with SMTP id UAA12742 for <aprssig@tapr.org>;
Fri, 27 Sep 1996 20:32:36 -0700
Message-Id: <199609280332.UAA12742@dfw-ix7.ix.netcom.com>
Comments: Authenticated sender is <james-m@popd.ix.netcom.com>
To: aprssig@tapr.org
Date: Fri, 27 Sep 1996 23:32:36 -5
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: [APRSSIG:5191] Follow-up on MindSpring & PSINet Pipeline
Return-receipt-to: james-m@ix7.ix.netcom.com
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.42a)

I have a question for the rest of the members in this sig..

How many of you honestly give a damn about this dumbasses problems
with internet access??

I know I don't, and think it is a waste of everyone's time to have to
read thru this crap.. It wasn't on topic the first time around and

sure as hell isn't this time around..

Take it somewhere else please..

Jeesh, I shouldn't go off like this, but these dumbasses are
sometimes more than a sane man can take..

From rsellers@firecraker.com Fri Sep 27 22:48:14 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA20990 for <aprssig@tapr.org>; Fri, 27 Sep 1996
22:48:02 -0500 (CDT)
Date: Fri, 27 Sep 1996 22:48:02 -0500 (CDT)
Message-Id: <199609280348.WAA20990@tapr.org>
X-ROUTED: Fri, 27 Sep 1996 22:48:22 -0500
Received: from RSELLERS [199.190.124.27] by rockford.com with smtp
     id BGCPDGCN ; Fri, 27 Sep 1996 22:47:54 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:5114] APRS / PCMCIA Serial I/O Adapter Pr

>
>>Date: Wed, 25 Sep 1996 18:41:53 -0700
>>To: APRSSIG
>>From: Mail Delivery Subsystem <MAILER-DAEMON@primenet.com> (by way of "Alan
>K. Unangst" <alanwc7r@mailhost.primenet.com>)
>>Subject: APRS / PCMCIA Serial I/O Adapter Problem
>>
>>
>>Well here is a new problem. The IBM Thinkpad working under Windows95 will
>>not let me move the Mwave modem to any other interrupt other than 03 or 04.
>>My Com 1 is on 04 and the Mwave,on Com 2, is on 03. APRS will allow only
>>come 1 or 2 intrusts be used. I understand that it is a DOS protocol (from
>Bob).
>>
>>The PCMCIA I/O adapter is assigning 09 to the PCMCIA serial adapter, on Com 3.
>>
>>The question is, obviously, how do I get it to work. Four + hours on the
>>phone with IBM and 1 + hour on the phone with Socket (I/O manufacturer)
>>yielded no results.
>>
First thought, can you change the modem port by hardware, telling it it's on
com3 or 4? Have you contacted Mwave? How "new" is it? Can you get a dealer
to help you?

  Is there a reason you need it moved? The cardwiz or cardsoft software that
comes with modem PCMCIA cards will handle ID'ing other ports. Other than "it
came with it", can you remove the modem from the thinkpad? Do you want to do
this?

I have a PCMCIA serial card in my laptop and had to disable the external mouse port in order to get the right IRQ. I now have the PCMCIA card working.

I ask these questions not in needing an answer, just to give you question that may lead you in a direction to find your solution.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From rsellers@firecraker.com Fri Sep 27 22:49:08 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA21186 for <aprssig@tapr.org>; Fri, 27 Sep 1996 22:48:58 -0500 (CDT)
Date: Fri, 27 Sep 1996 22:48:58 -0500 (CDT)
Message-Id: <199609280348.WAA21186@tapr.org>
X-ROUTED: Fri, 27 Sep 1996 22:49:16 -0500
Received: from RSELLERS [199.190.124.27] by rockford.com with smtp
id BGCPDJDE ; Fri, 27 Sep 1996 22:47:56 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:5146] Elmers and Unprotos

>
>Once again this SIG has yielded quite a thread, of part of a thread, of
>a bit of a thread. If memory suits me (and it usually doesn't) the
>original question concerning UNPROTO was some absurd GATE,WIDE,WIDE,WIDE
>combination.
>
..... snip...
>
>Once again I bring up one simple fact. It is up to those involved and
>concerned with the well-being, and future of APRS, (let's not throw this
>to the authors) to take strides in "Elmering" those thought of as lids.
>All things must be considered in your own little corner of the globe: 1.
>Frequency, 2. Accepted UNPROTOs, and 3. SKYWARN vs. Keyboarding vs.
>staring at the screen, afraid to touch that dial and tick someone off.
>
>
>Shields are up... Flame away if you must.
>
>73 de N3KAE
>

>
   Most of us that know a bit of something or another here started from nothing. Personally I remember how frustration it is. Unlike others, my expirience is less than 8 months with APRS. I learned enough to get my station up, then proceeded to be a pain in the A.. till I either found someone who was able to answer my question or figured it out.
  We have a number of VERY KNOWLEDGABLE people monitoring the SIG. Since most of us here lead real lives in our spare time, we don't always have the time to answer some questions that are within our abilities to answer. We leave it up to someone else sometimes(guilty here). Bob Bruninga, the Sprouls, and some others do an OUTSTANDING job answering questions, but they don't have the time to answer them all. So we are trying to do what we can.
  I praise those people who take the time to answer for the 43,000th time what a path or unproto is. But sometimes the "Newbies" have to take a bull by the horns and read the documentation, or find the SIG in digest mode and read it first.
  I can't beleive the people here would purposely shun someone, but we're only human and only have so much time. I've watched the sig grow in daily message volume over the last several months to well in excess of 30-40 messages a day. That's a to keep up with. There are some threads I have to delete because I am not interested at this time in a particular aspect of APRS or just dont have the time to read. I assume there are others that do this as well. It's just the only way I can keep my e-mail time to a minimum and get back to other stuff.

  So to those "newbies" who's questions go unanswered or just slip through the cracks, I can only say don't get too upset. There are LOTS of people monitoring this SIG and I can only assume it will get larger. We try to keep the wasted bandwidth down, but...   very few of us also have the time to take you by the hand so to speak via long distance. Once you get your APRS station up, see who locally is available and use APRS' messaging capabilities to find a local mentor as well.
  In my county, we have very few people running APRS, this makes it tough for me as well. Even though NIAN is in my neighborhood, so to speak, I really can't and don't expect any NIAN member to drive 40-60 miles to my house to give me first hand tutoring. This has it's drawbacks as well, for my supporting NIAn from where I live. Sometimes they don't deal with that well. But the fact of the matter is, we're all learning and are doing what we can to help others here and locally.
 Have patience and don't assume your being ignored just because you dont get an answer the first time you ask for help.

  As I climb off the soapbox, send all flames to me at stupid@email.com

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
             kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From rsellers@firecraker.com Fri Sep 27 22:49:41 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA21211 for <aprssig@tapr.org>; Fri, 27 Sep 1996
22:49:29 -0500 (CDT)
Date: Fri, 27 Sep 1996 22:49:29 -0500 (CDT)
Message-Id: <199609280349.WAA21211@tapr.org>
X-ROUTED: Fri, 27 Sep 1996 22:49:50 -0500
Received: from RSELLERS [199.190.124.27] by rockford.com with smtp
     id BGCPDLDH ; Fri, 27 Sep 1996 22:47:58 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:5179] Docs vs Restrictions

>
>Hi all,
>   While I agree that putting some restrictions in the unregistered
>version of APRS would probably be a good idea, there are a few things to
>consider. Not the least is that many versions are already released which
>have no restrictions. Second, while it might prompt some to register it
>won't necessarily "make them learn" or force them to care.
   Most people wont read documentation till they have absolutely no other
alternative and the developer tells them for the 5th time to read such and
such file.

>   MAJOR POINT: more and more Mac APRS and Win APRS users are coming on
>the system. Few to none of these are going to figure out right off the bat
>that they need to download APRS77 and keep the docs and throw away the
>rest. Without this material one is really crippled no matter what one's
>desire to "do things right". So I really hope Keith Sproul will include the
>DOS docs (the ones that are general) with both his programs. Also, a "docs
>only" file would make it a lot easier for those already on the system to
>get the information they need to become competent.
...snip...
>   Well, I've got the docs I need now, and I've already emailed them to
>another Mac user who asked if I could save him the trouble of downloading a
>meg of DOS .exe files to get them. I'm just a user though and don't have
>the time or resources to distribute this stuff. Hope you guys do.
>
   This has been a sore spot with me on the WinAPRS program as well. The
Sprouls are doing pretty good in the progression of adding and making
features work with WinAPRS. Unfortunately they have been lax in the
documentaion dept. They say they just don't have the time and all the
features arent there so they would end up rewritting the docs. But, with the
interst in the WinAPRS version since Dayton and all the new members I see
here, there are just too many WinAPRS users asking questions that could and
should be including in documetation.
  I don't say this as taking a poke at the Sproul's, its just getting to be

a fact. They are at a point with the program, and some many new users are coming online, that you just cant assume the user knows how to set it up and get it running right. There needs to be some better documetation for the WinAPRS version. It's rediculous to the a WinAPRS user to download DOSAPRS version just to get the documentation to figure out how to use the Windows version. Their primary concern is in getting the program going and doing the small stuff later. Well, maybe its time to deal with the small stuff because its starting to create big noises.

I have expressed this to Keith in the past, it's up to others to do so if they feel real strongly about it. But in the mean time... do what you can with what you've been give (I better duck after having said that one).

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From rsellers@firecraker.com Fri Sep 27 22:50:10 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA21230 for <aprssig@tapr.org>; Fri, 27 Sep 1996 22:50:00 -0500 (CDT)
Date: Fri, 27 Sep 1996 22:50:00 -0500 (CDT)
Message-Id: <199609280350.WAA21230@tapr.org>
X-ROUTED: Fri, 27 Sep 1996 22:50:20 -0500
Received: from RSELLERS [199.190.124.27] by rockford.com with smtp
id BGDAABCF ; Fri, 27 Sep 1996 22:48:00 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:5180] APRSKY

>
>Talk about a need for the APRS SKYWARN. Yesterday we had the kind of
>storms that you don't want! Tornado and Flash Floods!
>
>Just before 7 am our voice repeater blew it top and there was a need for
>the SKYWARN net in less than an hour! Fortunately, we had another repeater
>available to us locally, but it was not connected to the state skywarn net
>(which has failed anyway). Our local SKYWARN net went into effect at 7:14
>am and ran until 4 pm. At 7:43 a tornado was sighted. It took over 30
>minutes to get the information through the NWS in LR and back out over
>"regular" channels. By that time the storm had passed our area and was
>touched down close to a heavily populated area. Then came the rains.
>Flooding insued and at least one vehicle was caught and washed down a town

>branch!
>
>During all this the APRS net was quitely and efficiently being used in the
>local area. The information as it was happening was being entered by
>another station and bulletins were being issued as well. What was the NWS
>doing at that time? They were tied up with un-ending squelch tails from
>the multiple linked repeaters that totally disrupted the SkyWarn voice net
>and was of no use! Had we had an APRS SKYWARN Net available and in place,
>the information would have been distributed and equally importantly
>reported on time and in a timely manner.
>
>It is ever more clear that there is a need, at least here, for a packet
>based SKYWARN Net. I hope that this issue will be followed through in the
>future as "improvements" to APRS and its many uses.
>
>Is there a future for the APRSKY? You bet! During my trip to NY I met with
>several hams that expressed an interest in the idea. Unfortunately, most
>were not users of the internet or this group. That will only take time.
>One thing that kept coming up was the need for a national conference on
>APRS and it's many uses. Dayton was mentioned on several occations but
>with reservation as there didn't seem to be enough focus on the issues. Or
>enough time for that matter. "Everyone goes to Dayton to visit and look at
>the new stuff" was repeated over and over. Maybe there should be a more
>detailed agenda planned or planning for longer meetings.
>
>Anyhoo, this is yet another atempt to bring SKYWARN to the forefront and
>see what happens. I want to thank all those who participated in the
>previous discussions and for the direct e-mail. I also want to appologize
>for the bandwidth to those who don't care about this issue. And to those I
>missed on the trip, well..... maybe next time!
>
>73
>---
>J. Scott Ratchford - KC5JGV - Marshall, Arkansas
>* ARRL * ARES EC * RACES * NAARS, Inc. *
>* MVFD/EMS FR * CCL #426 *
>
>
  I'd have sent this directly to you and not used bandwidth except you dont have a return email address in your signature and I dont see your real address via my mailer. Sorry all.....

  I can sympathise for your situation. Try dealing with a SKYWARN that seems to run things bassackwards and doesnt want to use "real trained and expirienced" spotters and wont even concider interjecting technology during a call out. It took them 2 years to think of turning on a TV in the office that was already wired to cable, and turn it on to the weather channel to see whats on radar.
  They've told expirience spotters to leave and are not doing proper training for the current spotters. The "special" training they got at this month's meeting was on hazardous materials handling.. DUH.... The NWS all but entirely disreguards their reports. Now mind you, since my town is west of Chicago in tornado alley, you can see how usefull this group of guys

are. Listening to the SKYWARN NET is a hoot. Once a guy was told to "KEY the mic a couple times" if the could hear net control because they couldnt hear his voice. He was less than 5 miles from the repeater. Lookout Chicago..... we're here to help you!

73,
Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From z008876b@bcfreenet.seflin.lib.fl.us Fri Sep 27 23:02:46 1996
Received: from bcfreenet.seflin.lib.fl.us (z008876b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA21519 for <aprssig@tapr.org>; Fri, 27 Sep 1996 23:02:44 -0500 (CDT)
Received: (from z008876b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id AAA25021; Sat, 28 Sep 1996 00:02:07 -0400
Date: Sat, 28 Sep 1996 00:02:07 -0400 (EDT)
From: Todd Erickson <z008876b@bcfreenet.seflin.lib.fl.us>
Subject: Two Chip GPS Reciever
To: aprssig@tapr.org
Message-ID: <Pine.3.89.9609272340.A20398-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was reading in EE Times that SiRF Technology Inc has come out with a two chip GPS reciever system that receives the data from the satellites and outputs the data in a microcontroller ready format. This chip set apparently has a whole 1.5 GHz spread spectrum reciever that has a high gain front end and can lock on the birds in 100 milliseconds and outputs the data in a microcontroller ready format. It can also decode 12 satellites at the same time and make certain on-the-fly error corrections.

Just wait until some OEM starts using this chip set. Imagine the cost advantages and other possibilities it will lend to us!

KA4RTK
Todd Erickson
z008876b@bcfreenet.seflin.lib.fl.us

From wa8inz@cris.com Fri Sep 27 23:26:49 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA22340 for <aprssig@tapr.org>; Fri, 27 Sep 1996 23:26:47 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id AAA00368; Sat, 28 Sep 1996 00:26:44 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>

Received: from LOCALNAME (cnc802126.concentric.net [206.173.113.126])
     by cliff.cris.com (8.7.5)
     id AAA19971; Sat, 28 Sep 1996 00:26:39 -0400 (EDT)
Message-ID: <324CC509.15A@cris.com>
Date: Fri, 27 Sep 1996 23:26:17 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5193] Re: Follow-up on MindSpring & PSINet Pipeline
References: <199609280332.UAA12742@dfw-ix7.ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

james-m@ix7.ix.netcom.com wrote:
>
> I have a question for the rest of the members in this sig..
>
> How many of you honestly give a damn about this dumbasses problems
> with internet access??
>
> I know I don't, and think it is a waste of everyone's time to have to
> read thru this crap.. It wasn't on topic the first time around and
> sure as hell isn't this time around..
>
> Take it somewhere else please..
>
> Jeesh, I shouldn't go off like this, but these dumbasses are
> sometimes more than a sane man can take..

But in reality what makes his different from yours, in fact even mine.
--
                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
     A BIG HAND FOR THOSE MENTOR VOLUNTEERS

      http://www.concentric.net/~wa8inz

From etjm@ECUA.NET.ec Sat Sep 28 10:26:15 1996
Received: from ecua.net.ec (ecua.net.ec [157.100.1.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA12512 for <aprssig@tapr.org>; Sat, 28 Sep 1996
10:26:10 -0500 (CDT)
Received: from [157.100.1.114] by ecua.net.ec (AIX 4.1/UCB 5.64/4.04)
          id AA39698; Sat, 28 Sep 1996 10:21:07 -0500
Message-Id: <9609281521.AA39698@ecua.net.ec>
X-Sender: etjm@az.pro.ec
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Sat, 28 Sep 1996 09:28:35 -0500
To: aprssig@tapr.org
From: etjm@ECUA.NET.ec (Teodoro Jaramillo)
Subject: Re: [APRSSIG:5110] Re: page and ????please

Thanks a lot I will try to acces to the new   address and
looking forward to seing LIVE APRS IN AN NEW ENVIROMENT
 which certainly I do not have at this end.. of Equatorial
location...... thanks BOB and all...

TED HC5K

>Good evening BOb and all....
>
>I also checked into attempting to see APRS LIVE on youpage but .. got all
>hanged-up for not having the proper SOFT... JAVA.. SO
>THE SIMPLE QUESTION now how where and do I get the proper
>soft required... and should make me able to link up and
>see your page and I assume many others which require the JAVA
>WHICH IS NEW TO ME...(NEWBIE)
>any help .. thanks a lot.
>
>TED   HC5K
>ECUADOR S.A.
>
>
>
>>On Wed, 25 Sep 1996, James Kerns wrote:
>>
>>> Snip ::   Bob I connected to WWW below and get the USNA but can't any APRS
>>> or you on the page, whjats it under??
>>>
>>> >See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>>
>>APRSdos REPLY/COMMENT: THat page listed above and below should do it.
>>
>>Reply mail addr: wb4apr@amsat.org
>>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>>
>>
>>
>
>
>

From hwm@netcom.com Sat Sep 28 12:45:32 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom17.netcom.com [192.100.81.130]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA15874 for <aprssig@tapr.org>; Sat, 28
Sep 1996 12:45:26 -0500 (CDT)
Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id

KAA00088 for <aprssig@tapr.org>; Sat, 28 Sep 1996 10:47:30 -0700
Date: Sat, 28 Sep 1996 10:47:30 -0700 (PDT)
From: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5199] Re: Follow-up on MindSpring & PSINet Pipeline
In-Reply-To: <324CC509.15A@cris.com>
Message-ID: <Pine.LNX.3.95.960928103649.85A-100000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Sep 1996, William Nolle wrote:

> james-m@ix7.ix.netcom.com wrote:
> >
> > I have a question for the rest of the members in this sig..
> >
> > How many of you honestly give a damn about this dumbasses problems
> > with internet access??

stuff deleted ....

>
> But in reality what makes his different from yours, in fact even mine.
^^

  The difference is Bill, that hopefully James message will show the
offender the error of his ways. :-)

Bob - wd6dod

From jclakeland@ucdavis.edu Sat Sep 28 12:45:53 1996
Received: from guilder.ucdavis.edu (root@[128.120.8.181]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA15895 for <aprssig@tapr.org>; Sat, 28 Sep 1996
12:45:51 -0500 (CDT)
Received: from DialupEudora by guilder.ucdavis.edu (8.7.5/UCD3.5.9)
     id KAA13050; Sat, 28 Sep 1996 10:45:44 -0700 (PDT)
Message-Id: <199609281745.KAA13050@guilder.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 28 Sep 1996 10:47:26 -0800
To: aprssig@tapr.org
From: jclakeland@ucdavis.edu (John Lakeland)

Hi all,

snip
"and those people get hostile and send me messages to stick it!, then
no documentation or being a Mentor would ever help those people."
snip

Actually I didn't miss the point. I wrote....

"Don't get me wrong, I've been in technical enterprises all my life and I know that there will always be poeple who don't really care and screw things up."

I'm making a different point. SOME of us, and notably the ones using Mac APRS and Win APRS are having difficulty getting the information we need so as to not screw things up. I'm suggesting that the DOS docs be distributed with these softwares. I'm also suggesting that the "docs only" be made available in a separate file named something like APRSDOCS.ZIP. The reason is that I in my search for information would have downloaded such a file years ago if I'd ever seen one. It took me all this time to figure out that the docs are only in a file which includes the total DOS software.

While this may seem kind of obvious to some of you, it is not obvious to us newbies. Have any of you DOS guys downloaded Mac APRS to see what kind of doc files might be included that might be useful? If you have you're more dilligent than me. Just trying to be helpful here, hope I'm not offending anyone with my suggestions.

John Lakeland kc6vlr

From alanwc7r@primenet.com Sat Sep 28 14:01:39 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA18302 for <aprssig@tapr.org>; Sat, 28 Sep 1996 14:01:37 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by mailhost1.primenet.com (8.7.6/8.7.1) with ESMTP id MAA11388; Sat, 28 Sep 1996 12:01:34 -0700 (MST)
Received: from primenet.primenet.com (ip198.prc.primenet.com [204.212.56.198]) by primenet.com (8.7.6/8.7.5) with SMTP id MAA13418; Sat, 28 Sep 1996 12:00:58 -0700 (MST)
Message-Id: <2.2.32.19960928190119.00676264@mailhost.primenet.com>
X-Sender: alanwc7r@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 28 Sep 1996 12:01:19 -0700
To: aprssig@tapr.org
From: "Alan K. Unangst" <alanwc7r@primenet.com>
Subject: PCMCIA Serial I/O - THE ANSWER !!!!

First, let me thank all of you who answered my call for help. Each of you had a piece of the puzzle, and with IBM's help I was able to put it all together. I am posting the "Answer" in the hopes that it will help others with similar problems.

Problem Recap: To have an IBM Thinkpad 760, running under Windows95, recognize a PCMCIA Serial I/O Adapter as com 1 or 2 (Com 2 has the Mwave

modem) so that APRS can be run in the dual port mode with Wx or GPS.

The Answer: Go into the Profiles section in system properties and create an additional profile. First COPY the EXISTING profile naming it whatever you want. Now you will have two (2) profiles, the original and it's copy. Restart the computer, a screen will appear asking which profile that you want to load, load the COPY. When it is loaded, go back to system profiles and disable the Mwave (any) modem. save and restart the computer, the same screen questioning which profile you want will come up, chose the one with the modem disabled, and after booting insert your I/O adapter, it should now be on Com 2.

I hope that I have explained this sufficiently so that the process makes sense. I have tried it and it works beautifully.

There is NO NEED to do this for WinAPRS, as the Sproul's program will allow you to choose whatever com port you want, in my case Com 3 IRQ 09, which is where the I/O adapter is assigned automatically after being inserted and recolonized (in "standard" mode). I understand that this is a windows allowable protocol, where DOS (APRS) only allows IRQs 03 & 04. For a better answer, if you really want one, you'll have to check with Bob, Mark. or Keith, or any other Computer programmer wiz (Which I, obviously, am not).

Again, thanks to all who came to the rescue, I appreciated it. I hope that this explanation is helpful. Hope to see you on the map now that signals are getting better!!!

73, Alan
Alan K. Unangst, WC7R
E-mail: alanwc7r@primenet.com
Amateur Radio Packet: WC7R @ KB7FRV

From bruninga@nadn.navy.mil Sat Sep 28 14:50:42 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA20056 for <aprssig@tapr.org>; Sat, 28 Sep 1996 14:50:40 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id PAA11170 for <aprssig@tapr.org>; Sat, 28 Sep 1996 15:55:43 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 28 Sep 1996 15:55:43 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Graying WX stations.
In-Reply-To: <199609280357.XAA10335@k2.iserv.net>
Message-ID: <Pine.GSO.3.95.960928155408.11121A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Sep 1996, Paul S. Malarik wrote:

> Hi Bob; as per your request for info I can confirm that 77b still greys out

> the home weather station. The system runs as follows:
> PK232 ON COM1, DAVIS WEATHER MONITOR II ON COM 2

APRSdos REPLY/COMMENT: I am getting conflicting data. Some say it DO,
some say it DONT... Anyone figure out the difference?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From n2czf@magg.net Sat Sep 28 15:02:29 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id PAA20563 for <aprssig@tapr.org>; Sat, 28 Sep 1996
15:02:27 -0500 (CDT)
Received: from Cybergate (wpb-128.magg.net [205.218.112.128]) by grumpy.magg.net
(8.7.6/8.7.6-Zaph-1) with SMTP id QAA18049; Sat, 28 Sep 1996 16:02:22 -0400
Message-Id: <199609282002.QAA18049@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 27 Sep 1996 20:05:39 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Precision Mapping Problem?

I need some help from anyone using Precission Mapping with their GPS. A
couple of us at work have purchased this at work and we seem to have a
problem that depends on the GPS brand that we use.

I have a GARMIN with $GPRMC data output and it works fine, some quirks with
the comm port and some inaccurate data in the map locally but all in all a
heck of a lot better than Delorem map Expert! I also get no data in the sat.
bar graph window.

My co-workers have Magellan Meridians and they cannot get the program to
work. When they view the strings under GPS Data Window they see the GGA and
GLL data but it does not plot, they DO not have $GPRMC. Does theis program
need RMC data to work properly ? If it does need RMC and does not work with
GGA or GLL then why does my RMC data not display any signal reports in the
sat. window at the left hand side of the page ? I was under the impression
that the RMC data did not have the information on signal levels that the
program needed to display it.

73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net   (E-Mail)
http://www.magg.net/~n2czf   (Personal)
http://www.magg.net/~n2czf/aprs.html   (Florida APRS)
http://www.magg.net/~n2czf/brothers.html   (Brothers to the Rescue Human
Rights Group)

From jwillis@vir.com Sat Sep 28 15:52:34 1996
Received: from Vir.com (News.Vir.com [199.84.154.68]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id PAA22914 for <aprssig@tapr.org>; Sat, 28 Sep 1996
15:52:31 -0500 (CDT)
Received: from ipdyne20.vir.com [199.202.197.20] by Vir.com (8.7.1/v1.1) with SMTP
       id QAA28074 for <aprssig@tapr.org>; Sat, 28 Sep 1996 16:50:23 -0400 (edt)
Message-Id: <199609282050.QAA28074@Vir.com>
X-Sender: jwillis@vir.com (Unverified)
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 28 Sep 1996 16:52:38 -0400
To: aprssig@tapr.org
From: jwillis@vir.com (Joseph Willis)
Subject: Re: [APRSSIG:5147] Re: APRS/AMSAT VHF FREQ

>The Canadian Boys APRS freq. is 144.390. Works fine up here..in Ontario..
>Hope this helps..:-)
>Chow for now et 73.....to all

We are operating 145.79 here in Montreal guys - maybe that's why I only see
US calls on, other than VE2's ...?
````````````````````
Joe Willis  VE2CY
Email:  jwillis@vir.com
Packet: ve2cy@ve2fkb


From mead@usc.edu Sat Sep 28 16:12:13 1996
Received: from skat.usc.edu (skat.usc.edu [128.125.253.131]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA23734 for <aprssig@tapr.org>; Sat, 28 Sep 1996
16:12:11 -0500 (CDT)
Received: from sol.usc.edu (sol.usc.edu [128.125.253.141])
     by skat.usc.edu (8.7.6/8.7.3/usc) with ESMTP
     id OAA29133 for <aprssig@tapr.org>; Sat, 28 Sep 1996 14:12:07 -0700 (PDT)
Received: from homepc.usc.edu (comserv-e-70.usc.edu [128.125.222.214])
     by sol.usc.edu (8.7.6/8.7.3/usc) with SMTP
     id OAA00774 for <aprssig@tapr.org>; Sat, 28 Sep 1996 14:12:05 -0700 (PDT)
Message-ID: <324D9554.14F2@usc.edu>

Date: Sat, 28 Sep 1996 14:15:00 -0700
From: Dick Mead <mead@usc.edu>
Organization: University of Southern California
X-Mailer: Mozilla 2.02 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5205] Precision Mapping Problem?
References: <199609282002.QAA18049@grumpy.magg.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard Garcia wrote:
>
> I need some help from anyone using Precission Mapping with their GPS. A
> couple of us at work have purchased this at work and we seem to have a
````````````````````

> problem that depends on the GPS brand that we use.
>
> I have a GARMIN with $GPRMC data output and it works fine, some quirks with
> the comm port and some inaccurate data in the map locally but all in all a
> heck of a lot better than Delorem map Expert! I also get no data in the sat.
> bar graph window.
>
> My co-workers have Magellan Meridians and they cannot get the program to
> work. When they view the strings under GPS Data Window they see the GGA and
> GLL data but it does not plot, they DO not have $GPRMC. Does theis program
> need RMC data to work properly ? If it does need RMC and does not work with
> GGA or GLL then why does my RMC data not display any signal reports in the
> sat. window at the left hand side of the page ? I was under the impression
> that the RMC data did not have the information on signal levels that the
> program needed to display it.

Yes, as far as I have been able to determine, Prec Mapping GPS
NEEDS the RMC string to work.
Dick WB6NGC

From JohnLGaf@gnn.com Sat Sep 28 17:10:37 1996
Received: from mail-e2a.gnn.com (mail-e2a.gnn.com [204.148.102.169]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA26108 for <aprssig@tapr.org>; Sat, 28 Sep 1996
17:10:36 -0500 (CDT)
Received: from 67-112.client.gnn.com. (67-112.client.gnn.com [205.188.67.112]) by
mail-e2a.gnn.com (8.7.1/8.6.9) with SMTP id SAA31751 for <aprssig@tapr.org>; Sat,
28 Sep 1996 18:10:02 -0400 (EDT)
Message-Id: <199609282210.SAA31751@mail-e2a.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 28 Sep 1996 17:10:16
From: JohnLGaf@gnn.com (John L. Gafford)
To: aprssig@tapr.org
Subject: DOS *.TXT FILES

For MAC and WIN users, I have transcribed ALL the aprs txt files to
a self-extracting zip file called "APRSTXT.EXE" It is 268,091 bytes
in size. I will send it to anyone that wants it for the cost of a
disk and postage, or if there is a way to post it on TAPR's ftp
site, (I don't know how to do that) then it will be available to
anyone, and Bob Burininga, I DO hope I have your authorization to
do this. 73 all, John - N5XAK...

From chulst@polar.polarcomm.com Sat Sep 28 17:44:43 1996
Received: from polar (polarcomm.com [207.70.247.33]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id RAA27538 for <aprssig@tapr.org>; Sat, 28 Sep 1996 17:44:41 -0500
(CDT)
Received: from home by polar (SMI-8.6/SMI-SVR4)
     id RAA02121; Sat, 28 Sep 1996 17:40:39 -0500
Message-ID: <324DAA67.164C@polar.polarcomm.com>
Date: Sat, 28 Sep 1996 17:44:55 -0500
From: Connie Hulst <chulst@polar.polarcomm.com>

Reply-To: chulst@polar.polarcomm.com
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Wx Problems in 7.7b?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just joined the list. APRS 7.7b is not decoding U-2000 remote
packets correctly, and I heard that this might be a software
problem. Is this true? Any word on when the next version is coming?

73 de Nick Hulst, AA0VY

From ldajz@epix.net Sat Sep 28 18:00:18 1996
Received: from epix.net (grape.epix.net [199.224.64.22]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA28116 for <aprssig@tapr.org>; Sat, 28 Sep 1996
18:00:14 -0500 (CDT)
Received: from clsm-65ppp31.epix.net (clsm-65ppp31.epix.net [199.224.65.31]) by
epix.net (8.7.6/8.7.5) with SMTP id SAA22951; Sat, 28 Sep 1996 18:59:05 -0400
(EDT)
Message-ID: <324D8ADA.7936@epix.net>
Date: Sat, 28 Sep 1996 13:30:18 -0700
From: Al Zelna <ldajz@epix.net>
Reply-To: ldajz@epix.net
Organization: UNRS (Uhhh, not real sure)
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
CC: chimel@epix.net
Subject: NEPA APRS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy folks,

Some time ago I sent out a message to this SIG looking for the calls of
APRS WIDEs in WNY and ENY. I don't seem to recall getting any replies.
Does anyone know if there are any in or around Hamandsport, Ithaca,
Elmira, Binghamton, Utica, or Albany?

Depending on Sunday's weather, a few of us will be making an afternoon
trip to another mountain range near Scranton, PA to run a few tests. We
will be setting up a temporary APRS WIDE who's call should be either
WA3LWR OR KD3GG (SSID unknown). The system will be running 25 watts
into a 13 element beam, on 145.79 MHz.

The goal of our mission: Try to make contact with "the other side"
...which refers to the PA - NY state line. We'll be swinging from 285
degrees over to 30 degrees in hope of being able to work a WIDE
directly. If we are successful, an appropriate UNPROTO will be set, and
the digi may stay up for as much as a few weeks.

If anyone hears (sees) us, please send a message to our callsign.

73 de AL, N3KAE

From rrtheri@ibm.net Sat Sep 28 18:21:09 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA28849 for <aprssig@tapr.org>; Sat,
28 Sep 1996 18:21:07 -0500 (CDT)
From: rrtheri@ibm.net
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
XAA82470 for <aprssig@tapr.org>; Sat, 28 Sep 1996 23:21:06 GMT
Received: from slip129-37-166-83.pq.ca.ibm.net(129.37.166.83) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)
     id smagv4DFW; Sat Sep 28 23:20:18 1996
Message-ID: <324DB21C.2216@ibm.net>
Date: Sat, 28 Sep 1996 19:17:48 -0400
X-Mailer: Mozilla 2.02 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5206] Re: APRS/AMSAT VHF FREQ
References: <199609282050.QAA28074@Vir.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good Evening Joe,

My name is reginald and live in Terrebonne Que.
In your message you mention that the APRS operating frequency
in Montreal is 145.790 MHZ.
A DIGI station has been in operation in Montreal for the last
2 years on 145.770MHZ on account of the fact that a BBS had
been on 145.790MHZ prior to the start of operation on APRS.
It is presently planned to go to 144.390MHZ in the near future
and possibly move to a different site with a much improved coverage.
Bob WA4APR is aware of that fact.
73 and hope to see your LAT/LONG position on APRS.
reginald ve2jv

Joseph Willis wrote:
>
> >The Canadian Boys APRS freq. is 144.390. Works fine up here..in Ontario..
> >Hope this helps..:-)
> >Chow for now et 73.....to all
>
> We are operating 145.79 here in Montreal guys - maybe that's why I only see
> US calls on, other than VE2's ...?
> ``````````````````

> Joe Willis  VE2CY
> Email:  jwillis@vir.com
> Packet: ve2cy@ve2fkb

From kc5ejk@onramp.net Sat Sep 28 18:34:18 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA29321 for <aprssig@tapr.org>; Sat, 28 Sep 1996 18:34:15 -0500 (CDT)
Received: from [199.1.11.117] (dal17.onramp.net [199.1.11.117]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id SAA11507 for <aprssig@tapr.org>; Sat, 28 Sep 1996 18:34:11 -0500 (CDT)
Message-Id: <v02140b00ae736b332b98@[199.1.11.140]>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Date: Sat, 28 Sep 1996 18:35:07 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Docs -The fix-

>...SOME of us, and notably the ones
>using Mac APRS and Win APRS are having difficulty getting the information

Before the FTP site was reorganized it was a bit easier to get the docs.
Now each platform has a directory of its own.
We don't always look in the other areas.
I run all three version so I must look in all areas.

 >It took me all this time to figure out
>that the docs are only in a file which includes the total DOS software.

Almost correct: Bob puts three type of files on the Upload site:

1. Total latest APRS package. (1 meg+ in size)
2. Updates of program and any revised docs or readme information (+400K)
3. Just the program.EXE file (+200k)

I am a MAC user and it is so easy to get the docs that PC only users=20
might think we were platform bragging again.

Just download and "drag and drop" on StuffIt Expander=81 401 and you
get a APRS folder all neatly laid out. There are only 6 or 7 .exe
to delete. (Use zipit of you don't have the Stuffit + program)

View by date to see if there are any new doc items to read.
I change the color of items in a new update download.

THIS doc problem is so easy to fix.

Bob, Keith and Mark are busy so lets let Bill upload a APRSdocs.zip
to the APRS,WINaprs,MACaprs areas. He can update the file when=20

Bob uploads a new version.

Bill can appoint a new documentation gofer when he get too busy.

John Gafford can help on this
 -when he learns how to upload to the APRSsig FTP site :-)

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org --- =20

From srbible@gnatnet.net Sat Sep 28 19:34:24 1996
Received: from rupe.gnatnet.net (root@rupe.gnatnet.net [206.30.198.8]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA03108 for <aprssig@tapr.org>; Sat, 28 Sep 1996
19:34:22 -0500 (CDT)
Received: from avatar.eagnet.com (dialup35.gnatnet.net [206.30.198.135]) by
rupe.gnatnet.net (8.6.13/8.6.12) with SMTP id UAA08025 for <aprssig@tapr.org>;
Sat, 28 Sep 1996 20:35:10 -0400
Message-Id: <1.5.4.32.19960929003433.006a58bc@gnatnet.net>
X-Sender: srbible@gnatnet.net
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 28 Sep 1996 20:34:33 -0400
To: aprssig@tapr.org
From: "Steven R. Bible" <srbible@gnatnet.net>
Subject: Re: [APRSSIG:5164] Re: WinAPRS Can't load serial dlls msg

At 09:03 AM 9/27/96 -0500, you wrote:
>>I have been trying to get WinAPRS to work on a laptop 486SL. I keep getting
>>the message "Requires Serial DLLs" on the opening dialog box. As a
>>consequence I can't get GPS NMEA to input to the program and plot. I've
>>installed WinAPRS per the instructions. What am I doing wrong?

>The REQUIRES SERIALL DLLS message is just to indicate that the DLLs are
>needed for that version, not that they are missing.
>
>
>Open the INTERNAL STATE window, that will tell you if they are loaded
>properly or not.

I'm not familiar with this. Can you hum a few bars? :-)

>Does TNC input work?

Thanks for the reply Mark,

Yes, the TNC does work. Now I'm convinced that the serial port is working.

So my problem still remains as to how to connect a GPS NMEA output to WinAPRS. Is there more to it than simply wiring the output of the GPS (a Garmin 45) straight into the computer serial port?

Thanks again,

 - Steve, N7HPR

srbible@gnatnet.net
n7hpr@amsat.org
n7hpr@tapr.org

From mark.endicott@nashville.com Sat Sep 28 20:20:45 1996
Received: from nashville.com (ns1.nashville.com [199.78.224.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA04586 for <aprssig@tapr.org>; Sat, 28 Sep 1996 20:20:43 -0500 (CDT)
Message-Id: <199609290120.UAA04586@tapr.org>
From: mark.endicott@nashville.com
Reply-To: mark.endicott@nashville.com
Subject: X-1J4 Fade in Nashville
To: aprssig@tapr.org
X-Mailer: TSX-BBS
Date: Sat, 28 Sep 96 20:15:55
Organization: The Nashville Exchange-http://WWW.NASHVILLE.COM

Bob:

The following is the information you requested regarding the "digi fade" problem
in Nashville. Help !! What are we doing wrong?

Hooked*KC4WPS-3 >WIDE*>ID: HEARD: 3 4 6 7 6 5
Pos:!******/3626.54N/08629.30W#PHG3663/WIDE-RELAY...KC4WPS-3
Bcn:PHG3663/WIDE-RELAY...KC4WPS-3

KC4WPS-3>WIDE*>ID:TheNet X-1J4 (APRS79)
!3626.54N/08629.30W#PHG3663/WIDE-RELAY

Thanks...Mark (WB0NOO)

If Found, Please Return To:
 ____
| \
| Mark Endicott   \
| P.O. Box 148242   \

```
  |   Nashville, Tennessee 37214      >
  |             WB0NOO               /
  |  mark.endicott@nashville.com   /
  |_______________________________/
```

From martinbw@telalink.net Sat Sep 28 21:41:17 1996
Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA09235 for <aprssig@tapr.org>; Sat, 28 Sep 1996 21:41:15 -0500 (CDT)
Received: from oscar.telalink.net (nash-pm1-s16.telalink.net [205.241.232.49]) by eve.telalink.net (8.7.5/Telalink-4.83) with SMTP id VAA12178 for <aprssig@tapr.org>; Sat, 28 Sep 1996 21:41:11 -0500 (CDT)
X-Mailer: InterCon tcpCONNECT4 4.0.1 (Macintosh)
MIME-Version: 1.0
Message-Id: <9609282141.AA27495@oscar.telalink.net>
Date: Sat, 28 Sep 1996 21:41:27 -0500
From: "Bruce W. Martin" <martinbw@telalink.net>
To: aprssig@tapr.org
Subject: X-1J4 Fade in Nashville +
Content-Type: Text/Plain; charset=US-ASCII
Content-Disposition: Inline

> Bob:
>
> The following is the information you requested regarding the "digi
> fade" problem
> in Nashville. Help !! What are we doing wrong?
>
>
> Hooked*KC4WPS-3 >WIDE*>ID: HEARD: 3 4 6 7 6 5
> Pos:!******/3626.54N/08629.30W#PHG3663/WIDE-RELAY...KC4WPS-3 Bcn:
> PHG3663/WIDE-RELAY...KC4WPS-3
>
>
> KC4WPS-3>WIDE*>ID:TheNet X-1J4 (APRS79)
> !3626.54N/08629.30W#PHG3663/WIDE-RELAY
>
>
>   Thanks...Mark (WB0NOO)
>
Just to add what I copied off a terminal screen:

KC4WPS-3>ID,WIDE:TheNet X-1J4 (APRS79) !3626.54N/08629.30W#PHG3663/WIDE-RELAY...KC4WPS-3

Bruce

--
****
* Bruce W. Martin   Internet: martinbw@telalink.net   *
* 4558 Brooke Valley Dr.   HAM Call: KQ4TV   *
* Hermitage TN 37076-2650   *

* Voice: (615) 872-7733 Targeting:36 10 30 N/86 35 30 W   *
* FAX/MODEM: (615) 872-0045   APRS:3610.50N/08635.50W   *
* URL: http://www.telalink.net/~martinbw/home.html   *
*   ftp://ftp.telalink.net/~martinbw   *
*   I have a 486DX33 to play games and run some HAM programs,*
*   when I want to do serious work I use a Macintosh.   *
****

From wa8inz@cris.com Sat Sep 28 21:42:23 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA09267 for <aprssig@tapr.org>; Sat, 28
Sep 1996 21:42:22 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id WAA00895; Sat, 28 Sep 1996 22:42:21 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc800183.concentric.net [206.173.109.183])
     by cliff.cris.com (8.7.5)
     id WAA08906; Sat, 28 Sep 1996 22:42:19 -0400 (EDT)
Message-ID: <324DFE10.21F6@cris.com>
Date: Sat, 28 Sep 1996 21:41:52 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5212] Docs -The fix-
References: <v02140b00ae736b332b98@[199.1.11.140]>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Robert Winingham wrote:
>
> >...SOME of us, and notably the ones
> >using Mac APRS and Win APRS are having difficulty getting the information
>
> Before the FTP site was reorganized it was a bit easier to get the docs.
> Now each platform has a directory of its own.
> We don't always look in the other areas.
> I run all three version so I must look in all areas.
>
> >It took me all this time to figure out
> >that the docs are only in a file which includes the total DOS software.
>
> Almost correct: Bob puts three type of files on the Upload site:
>
> 1. Total latest APRS package. (1 meg+ in size)
> 2. Updates of program and any revised docs or readme information (+400K)
> 3. Just the program.EXE file (+200k)
>
> I am a MAC user and it is so easy to get the docs that PC only users
> might think we were platform bragging again.

>
> Just download and "drag and drop" on StuffIt ExpanderÅ 401 and you
> get a APRS folder all neatly laid out. There are only 6 or 7 .exe
> to delete. (Use zipit of you don't have the Stuffit + program)
>
> View by date to see if there are any new doc items to read.
> I change the color of items in a new update download.
>
> THIS doc problem is so easy to fix.
> ----------------------------------
>
> Bob, Keith and Mark are busy so lets let Bill upload a APRSdocs.zip
> to the APRS,WINaprs,MACaprs areas. He can update the file when
> Bob uploads a new version.
>
> Bill can appoint a new documentation gofer when he get too busy.
>
> John Gafford can help on this
> -when he learns how to upload to the APRSsig FTP site :-)
>
> 73
>
> Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

Wow i'm sure glad i volunteered for this Hi. But where would a guy get
the MacWin version documentation?.
--

                    \////
                    (0 0)
               --o0-(_)-0o--
               wa8inz@amsat.org
               wa8inz@cris.com
    Check out my dedicated A.P.R.S Web Page.
     A BIG HAND FOR THOSE MENTOR VOLUNTEERS

      http://www.concentric.net/~wa8inz

From hfigueroa@juno.com Sat Sep 28 22:08:31 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA10032 for <aprssig@tapr.org>; Sat, 28
Sep 1996 22:08:29 -0500 (CDT)
Received: (from hfigueroa@juno.com) by x9.boston.juno.com (queuemail)
     id XAA16905; Sat, 28 Sep 1996 23:08:19 EDT
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5205] Precision Mapping Problem?
Message-ID: <19960928.200713.4350.0.Hfigueroa@juno.com>
References: <199609282002.QAA18049@grumpy.magg.net>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-1,4-5,8-15,17-56
From: hfigueroa@juno.com (Hector M Figueroa)
Date: Sat, 28 Sep 1996 23:08:19 EDT

It is important that you use NMEA 183 Version 2.0

You must make sure that your GPS is sending NMEA-183 sentences: GPGGA, GPGLL, GPRMB, GPRMC, GPGSA, GPGSV, GPVTG, and if you are using a garmin PGRMA, PGRMZ.

the GPGSV sentence is important if you want satellite information displayed on your screen, and I think only NMEA-183 v. 2.0 is the only one that supports satellite information

Hector M. Figueroa E-Mail Hfigueroa@juno.com
World Wide Web Page http://www.geocities.com/CapeCanaveral/1629
Amateur Radio Call KE6VRL
Packet KE6VRL@K6VE.#SOCA.CA.USA.NOAM

On Sat, 28 Sep 1996 15:15:07 -0500 (CDT) n2czf@magg.net (Richard Garcia) writes:
>I need some help from anyone using Precission Mapping with their GPS.
>A
>couple of us at work have purchased this at work and we seem to have a
>problem that depends on the GPS brand that we use.
>
>I have a GARMIN with $GPRMC data output and it works fine, some quirks
>with
>the comm port and some inaccurate data in the map locally but all in
>all a
>heck of a lot better than Delorem map Expert! I also get no data in
>the sat.
>bar graph window.
>
>My co-workers have Magellan Meridians and they cannot get the program
>to
>work. When they view the strings under GPS Data Window they see the
>GGA and
>GLL data but it does not plot, they DO not have $GPRMC. Does theis
>program
>need RMC data to work properly ? If it does need RMC and does not work
>with
>GGA or GLL then why does my RMC data not display any signal reports in
>the
>sat. window at the left hand side of the page ? I was under the
>impression
>that the RMC data did not have the information on signal levels that
>the
>program needed to display it.
>
>73's Rich N2CZF
>Jupiter Farms Florida
>n2czf@magg.net   (E-Mail)
>http://www.magg.net/~n2czf   (Personal)
>http://www.magg.net/~n2czf/aprs.html   (Florida APRS)
>http://www.magg.net/~n2czf/brothers.html   (Brothers to the Rescue
>Human

>Rights Group)
>
>

From james-m@ix9.ix.netcom.com Sat Sep 28 22:26:52 1996
Received: from dfw-ix5.ix.netcom.com (dfw-ix5.ix.netcom.com [206.214.98.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA10802 for <aprssig@tapr.org>; Sat, 28 Sep 1996 22:26:50 -0500 (CDT)
From: james-m@ix9.ix.netcom.com
Received: from james-m (sav-ga1-12.ix.netcom.com [205.184.8.44]) by dfw-ix5.ix.netcom.com (8.6.13/8.6.12) with SMTP id UAA09348 for <aprssig@tapr.org>; Sat, 28 Sep 1996 20:26:18 -0700
Message-Id: <199609290326.UAA09348@dfw-ix5.ix.netcom.com>
Comments: Authenticated sender is <james-m@popd.ix.netcom.com>
To: aprssig@tapr.org
Date: Sat, 28 Sep 1996 23:26:15 -5
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: [APRSSIG:5204] Graying WX stations.
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.42a)

Hello Bob,

I have the Ultimeter 2000 on com 2 and am running 77b. I do not have
any problems with it greying out on me.. I doubt this will help with
the problems with the Davis weather monitor as I suspect that
instrument is handling in a differant section of the program. Anyway
for your info, 77b and my U2k are working just fine...

> Date: Sat, 28 Sep 1996 14:55:18 -0500 (CDT)
> Reply-to: aprssig@tapr.org
> From: Bob Bruninga <bruninga@nadn.navy.mil>
> To: aprssig@tapr.org
> Subject: [APRSSIG:5204] Graying WX stations.

> On Fri, 27 Sep 1996, Paul S. Malarik wrote:
>
> > Hi Bob; as per your request for info I can confirm that 77b still greys out
> > the home weather station. The system runs as follows:
> > PK232 ON COM1, DAVIS WEATHER MONITOR II ON COM 2
>
> APRSdos REPLY/COMMENT: I am getting conflicting data. Some say it DO,
> some say it DONT... Anyone figure out the difference?
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>
>
>

From n2czf@magg.net Sat Sep 28 22:27:15 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA10847 for <aprssig@tapr.org>; Sat, 28 Sep 1996 22:27:14 -0500 (CDT)
Received: from Cybergate (wpb-138.magg.net [205.218.112.138]) by grumpy.magg.net (8.7.6/8.7.6-Zaph-1) with SMTP id XAA08858 for <aprssig@tapr.org>; Sat, 28 Sep 1996 23:27:11 -0400
Message-Id: <199609290327.XAA08858@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 28 Sep 1996 03:30:35 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:5207] Re: Precision Mapping Problem?

If this is the case then why does this program not seem to respond to my RMC (and everything else the Garmin puts out) data so that the sat info window works ? I was under the impression that the sats signal levels would be graphed in the window.

1st I thought it was probably looking for another brand of GPS data that may have it but if it requires RMC like the Garmin puts out then it must be another problem.

>Yes, as far as I have been able to determine, Prec Mapping GPS
>NEEDS the RMC string to work.
>Dick WB6NGC
>
>
73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net   (E-Mail)
http://www.magg.net/~n2czf   (Personal)
http://www.magg.net/~n2czf/aprs.html   (Florida APRS)
http://www.magg.net/~n2czf/brothers.html   (Brothers to the Rescue Human Rights Group)

From X400Postmaster@resonet.com Sat Sep 28 22:28:49 1996
Received: from gw.resonet.com (resonet.com [199.243.226.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA10906 for <aprssig@tapr.org>; Sat, 28 Sep 1996 22:28:44 -0500 (CDT)
Received: by gw.resonet.com (5.65v3.2/DEC-Ultrix/4.3)
     id AA24998; Sat, 28 Sep 1996 23:34:33 -0400
X400-Received: by mta MTA-1 in /PRMD=RESONET/ADMD=TELECOM.CANADA/C=CA/;
     Relayed; 29 Sep 1996 03:34:33 +0000
X400-Received: by mta "a1.in1" in /ADMD=TELECOM.CANADA/C=CA/;
     Relayed; 29 Sep 1996 03:37:56 +0000
X400-Received: by /ADMD=TELECOM.CANADA/C=CA/;
     converted (IA5-Text);

```
     Relayed; 29 Sep 1996 03:28:00 +0000
From: "X.400_Mail_Gateway" <X400Postmaster@resonet.com>
To: aprssig@tapr.org
Subject: Delivery-Report (failure) for
         /DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/C=CA/@resonet.com
Message-Type: Delivery Report
X400-Mts-Identifier: [/ADMD=TELECOM.CANADA/C=CA/;UNGA-1361-2900]
Date: 29 Sep 1996 03:28:00 +0000
Message-Id: </ADMD=TELECOM.CANADA/C=CA/;UNGA-1361-2900@resonet.com>
X400-Content-Identifier: (91)APRSSIG:5...
Mime-Version: 1.0
Content-Type: multipart/report; report-type=delivery-status;
 boundary="Sat Sep 28 23:34:33 1996 L1 150"

--Sat Sep 28 23:34:33 1996 L1 150

This report relates to your message: (91)APRSSIG:5...

Your message was not delivered to:
     /DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/C=CA/@resonet.com
     for the following reason:
     Transfer could not be initiated
     An invalid message parameter was encountered

The Original Message is not available

--Sat Sep 28 23:34:33 1996 L1 150
content-type: message-delivery-status

Reporting-MTA: x400; mta MTA-1 in /PRMD=(null)/ADMD=TELECOM.CANADA/C=CA
Arrival-Date: 29 Sep 1996 03:28:00 +0000
DSN-Gateway: dns; resonet.com
X400-Conversion-Date: 28 Sep 1996 23:34:33 -0400
Original-Envelope-Id:
     [/PRMD=RESONET/ADMD=telecom.canada/C=ca/;<324DFE10.21F6@cris.com>]
X400-Content-Identifier: (91)APRSSIG:5...
X400-Content-Type: P2-1984 (2)

Original-Recipient: rfc822; /DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/
C=CA/@resonet.com
Final-Recipient: x400; /DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/C=CA/
Action: failure
Status: 5.5.2
Diagnostic-Code: x400; 1 (Unable-To-Transfer) / 11 (Invalid-Parameters)
X400-Last-Trace: 29 Sep 1996 03:28:00 +0000
X400-Originally-Specified-Recipient-Number: 1


--Sat Sep 28 23:34:33 1996 L1 150--

From steved@vianet.on.ca Sun Sep 29 07:12:15 1996
Received: from vianet.on.ca (root@gwn.vianet.on.ca [204.187.88.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id HAA27864 for <aprssig@tapr.org>; Sun, 29 Sep 1996
```

07:12:13 -0500 (CDT)
Received: from steved.vianet.on.ca (hunt40.vianet.on.ca [206.186.208.40]) by
vianet.on.ca (8.7.6/8.7.3) with ESMTP id IAA12285 for <aprssig@tapr.org>; Sun, 29
Sep 1996 08:10:20 -0400 (EDT)
Message-Id: <199609291210.IAA12285@vianet.on.ca>
From: "Stephen Dubois" <steved@vianet.on.ca>
To: "APRSSIG" <aprssig@tapr.org>
Subject: MS Explorer 3.0 Mailer
Date: Sun, 29 Sep 1996 08:14:06 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

GM All,
Just a helpful suggestion to those wanting to use the new Explorer 3.0
mailer. I have tested the mailer and it appears that I have eliminated the
extra attachment of encoding at the bottom of each message.
Here is how I set my config up:

Click on MAIL
Then click on OPTIONS to configure
Click on the SEND TAB
Click on SETTINGS within the Send Tab
Where it says "MIME" under Message Format make sure the "ENCODE TEXT USING"
window says
"NONE".

That should do it.

Sorry for the bandwidth people but thought since we had some problems in
the past it would help others out wanting to use the mailer.

Have a great day and 73.....to all.

Steve Dubois
CANWARN SPOTTER VA3HOI
(S)huttle(A)mateur(R)adio(EX)periment STATION
APRS,WinAPRS,APRTRAK
E-mail:steved@vianet.on.ca

From rwf@mindspring.com Sun Sep 29 08:45:28 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA29808 for <aprssig@tapr.org>; Sun,
29 Sep 1996 08:45:26 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by

answerman.mindspring.com (8.7.5/8.7.3) with ESMTP id JAA16580 for
<aprssig@tapr.org>; Sun, 29 Sep 1996 09:45:25 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id JAA19357 for
<aprssig@tapr.org>; Sun, 29 Sep 1996 09:45:23 -0400
Message-Id: <2.2.32.19960929134028.0068a4d4@atl.mindspring.com>
X-Sender: rwf@atl.mindspring.com (Unverified)
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 29 Sep 1996 09:40:28 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:5205] Precision Mapping Problem?

Rich garcia was looking for info on Precision Mapping/GPS:

>I have a GARMIN with $GPRMC data output and it works fine, some quirks with
>the comm port and some inaccurate data in the map locally but all in all a
>heck of a lot better than Delorem map Expert! I also get no data in the sat.
>bar graph window.

I don't remember the sentence you need for that, $GPGSV, I think. Same as
whatever Bob needs for his plot display. (the one everyone always forgets is
in APRS). ALT-S G P

>
>My co-workers have Magellan Meridians and they cannot get the program to
>work. When they view the strings under GPS Data Window they see the GGA and
>GLL data but it does not plot, they DO not have $GPRMC. Does theis program
>need RMC data to work properly ?

I already saw another reply to you that said "yes", but that is news to me.
Don't remember it in PM's docs.

Another note. I have *never* seen any altitude display on the PM program.
Bob's DOSAprs works fine displaying altitude off the GGA sentence. Even IN
THE AIRLINER AT 30,000 FT I was getting good alt. data from APRS (Radio was
not powered up), but PM showed a big fat blank there. Maybe a PM bug.

It would really be great if the APRS programs, WIN or DOS could send posits
to PM!!!!!!!

Ralph Fowler, N4NEQ S.E.R.A. ATV Technical
Advisor
rwf@mindspring.com
Atlanta, GA USA
Web: http://www.mindspring.com/~rwf for APRS, ATV, Balloon, and
Ham info

My hobby is tracking Vehicles and other things using Ham Radio and APRS. Ask me how!

From dvelez@infi.net Sun Sep 29 09:09:58 1996
Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA00577 for <aprssig@tapr.org>; Sun, 29 Sep 1996 09:09:57 -0500 (CDT)
Received: from dvelez.infi.net by mh004.infi.net with SMTP
     (Infinet-S-3.3) id KAA04905; Sun, 29 Sep 1996 10:10:05 -0400 (EDT)
Message-ID: <324C541D.2122@infi.net>
Date: Fri, 27 Sep 1996 18:24:29 -0400
From: Daniel Velez <dvelez@infi.net>
Reply-To: dvelez@infi.net
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5141] Thanks for the good times
References: <19960926.154220.5383.0.aa7ya@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> ** Hailing frequency off **

What questions did you have?

I've read every day for some time now and don't recall seeing your posts.

Oh, and please, let's get off the JUNO crap. I don't care what the domain name of your EMAIL service is. Most don't.
--
Dan

     Daniel Velez | Aoooga!   Aoooga!
  dvelez@infi.net |
  N4WZR@WD4MIZ.VA | Dive!   Dive!   Dive!

From jclakeland@ucdavis.edu Sun Sep 29 10:14:25 1996
Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA02151 for <aprssig@tapr.org>; Sun, 29 Sep 1996 10:14:24 -0500 (CDT)
Received: from DialupEudora by franc.ucdavis.edu (8.7.5/UCD3.5.8)
     id IAA27356; Sun, 29 Sep 1996 08:14:19 -0700 (PDT)
Message-Id: <199609291514.IAA27356@franc.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 29 Sep 1996 08:16:01 -0800
To: aprssig@tapr.org
From: jclakeland@ucdavis.edu (John Lakeland)
Subject: docs

Hi all,
    Two things. I don't think a Mac can deal with a SELF EXTRACTING zip file since this is a .EXE file. The Motorola CPU in a Mac cannot execute Intel CPU instructions. Also, the Mac Win docs can be gotten from Keith Sproul's home page at Rutgers. I don't have the URL handy, maybe someone else can supply it. Thanks to all for all the help,
John Lakeland kc6vlr

From N2ZRC@gnn.com Sun Sep 29 10:19:51 1996
Received: from mail-e2a.gnn.com (mail-e2a.gnn.com [204.148.102.169]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA02403 for <aprssig@tapr.org>; Sun, 29 Sep 1996 10:19:50 -0500 (CDT)
Received: from 54-95.client.gnn.com. (54-95.client.gnn.com [205.188.54.95]) by mail-e2a.gnn.com (8.7.1/8.6.9) with SMTP id LAA17500 for <aprssig@tapr.org>; Sun, 29 Sep 1996 11:19:15 -0400 (EDT)
Message-Id: <199609291519.LAA17500@mail-e2a.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 29 Sep 1996 11:18:34
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: APRS forum at Hudson Division Convention?

Hi All,

     I recently received a mailing about the ARRL Hudson Division's Convention in Melville, NY on Sunday October 20th. In it there was a line that said there will be a forum on APRS. Does anybody happen to know who is going to be conducting this?

     Just in case you're interested in going, the directions are (according to the mailing:)

          Melville Hilton Hotel
          I-495 (Long Island Expressway) to exit 48

I'll certainly be there anyway (it's the second biggest hamfest in our local area) and hope to have the chance to put some faces together with those arcane symbols on the map! 73

               Arte Booten <N2ZRC@gnn.com>
 (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
  [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

From n2iph@cyberenet.net Sun Sep 29 11:24:01 1996
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA04137 for <aprssig@tapr.org>; Sun, 29 Sep 1996 11:24:00 -0500 (CDT)

Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp
     (Smail3.1.29.1 #7) id m0v7Oet-000O4kC; Sun, 29 Sep 96 12:23 EDT
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp
     (Smail3.1.29.1 #8) id m0v7Oes-0006FMC; Sun, 29 Sep 96 12:23 EDT
Message-ID: <324EA206.75F4@cyberenet.net>
Date: Sun, 29 Sep 1996 12:21:27 -0400
From: Bob Derderian <n2iph@cyberenet.net>
Reply-To: n2iph@cyberenet.net
Organization: ISA
X-Mailer: Mozilla 3.0b6Gold (Win95; I)
MIME-Version: 1.0
To: APRS dicussion group <aprssig@tapr.org>
Subject: APRS docs via ftp
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all,

If you need the docs to DosAPRS you can go to my ftp site which can be
reached from my website. You'll find a link marked "Goto my FTP site"
there.

The URL for Netscape 3.0 and compatable browsers is;

www.cyberenet.net/~n2iph/frontpg.html

for Netscape 2.0 and older browsers which do not support frames use;

www.cyberenet.net/~n2iph/bob.htm

To use Winsock FTP or similar ftp clients use;

ftp.cyberenet.net/~n2iph/.ftp

So now there is another site on the 'net where these files can be
viewed, which should eliminate all the whinning and QRM on the SIG.

73...Bob

NNNN

From lmiller@ezl.com Sun Sep 29 11:58:39 1996
Received: from ns.ezl.com (root@[206.24.43.10]) by tapr.org (8.7.5/8.7.3/1.9) with
ESMTP id LAA05053 for <aprssig@tapr.org>; Sun, 29 Sep 1996 11:58:37 -0500 (CDT)
Received: from lmiller.ezl.com (ppp48.ezl.com [206.24.43.59]) by ns.ezl.com
(8.7.3/8.6.9) with SMTP id MAA04650 for <aprssig@tapr.org>; Sun, 29 Sep 1996
12:05:44 -0500 (CDT)
Message-ID: <324EA799.4092@ezl.com>
Date: Sun, 29 Sep 1996 11:45:13 -0500
From: Larry Miller <lmiller@ezl.com>
X-Mailer: Mozilla 2.02 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org

Subject: Re: [APRSSIG:5204] Graying WX stations.
References: <Pine.GSO.3.95.960928155408.11121A-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>
> On Fri, 27 Sep 1996, Paul S. Malarik wrote:
>
> > Hi Bob; as per your request for info I can confirm that 77b still greys out
> > the home weather station. The system runs as follows:
> > PK232 ON COM1, DAVIS WEATHER MONITOR II ON COM 2
>
> APRSdos REPLY/COMMENT: I am getting conflicting data. Some say it DO,
> some say it DONT... Anyone figure out the difference?

Bob and the Group...

  I still am having my station graying out. I tried to delete the old
config file and rebuild and I am still having the problem.

  I have seen the comments that indicated it is not happening for every
one. Perhaps I need to use the C-F-f option and let everything show up
all the time! Looking for an answer to your post "Anyone figure out the
difference?"

  (I am using the U-II wx sta.)
--
Larry
   Personal: lmiller@ezl.com
   Ham Radio: n9lbg@kd9sg.#sil.il
   Home Page: http://www.ezl.com/~lmiller

From wb8vji@tir.com Sun Sep 29 12:05:27 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id MAA05354 for <aprssig@tapr.org>; Sun, 29 Sep 1996 12:05:24 -0500
(CDT)
Received: from an32ow.tir.com (an32ow.tir.com [205.218.77.34]) by tir.com
(8.7.5/8.7) with SMTP id MAA21821 for <aprssig@tapr.org>; Sun, 29 Sep 1996
12:59:38 -0400 (EDT)
Message-ID: <324E2C4C.4FE@tir.com>
Date: Sun, 29 Sep 1996 12:59:08 +0500
From: Tom Carpenter <wb8vji@tir.com>
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5204] Graying WX stations.
References: <Pine.GSO.3.95.960928155408.11121A-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:
>

> On Fri, 27 Sep 1996, Paul S. Malarik wrote:
>
> > Hi Bob; as per your request for info I can confirm that 77b still greys out
> > the home weather station. The system runs as follows:
> > PK232 ON COM1, DAVIS WEATHER MONITOR II ON COM 2
>
> APRSdos REPLY/COMMENT: I am getting conflicting data. Some say it DO,
> some say it DONT... Anyone figure out the difference?
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
Hi Bob,

Tom here. It do on mine. PK232 with 486sx/33meg on com 1 and Peete
bros ulimeter II on port 4. After I sign on it is blue and ok but after
a couple of hours I turn to light gray and then dark gray.

Hope this helps....
73 Tom Carpenter

wb8vji@tir.com

From alanwc7r@primenet.com Sun Sep 29 13:12:34 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA07071 for <aprssig@tapr.org>; Sun, 29
Sep 1996 13:12:30 -0500 (CDT)
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
mailhost1.primenet.com (8.7.6/8.7.1) with ESMTP id LAA08617 for
<aprssig@tapr.org>; Sun, 29 Sep 1996 11:12:20 -0700 (MST)
Received: from primenet.primenet.com (ip199.prc.primenet.com [204.212.56.199]) by
primenet.com (8.7.6/8.7.5) with SMTP id LAA19444 for <aprssig@tapr.org>; Sun, 29
Sep 1996 11:11:45 -0700 (MST)
Message-Id: <2.2.32.19960929181201.0068a37c@mailhost.primenet.com>
X-Sender: alanwc7r@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 29 Sep 1996 11:12:01 -0700
To: aprssig@tapr.org
From: "Alan K. Unangst" <alanwc7r@primenet.com>
Subject: Unable To get To N2IPH's Web Page

I have tried, unsuccessfully to get to N2IPH's web page. Used NS. 3.0, IE
3.0, and FTP....no luck.
All say URL not found???? Any ideas.

Thanks, & 73...Alan
Alan K. Unangst, WC7R
E-mail: alanwc7r@primenet.com
Amateur Radio Packet: WC7R @ KB7FRV

From amirault@laraby.tiac.net Sun Sep 29 16:31:39 1996

Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA12374 for <aprssig@tapr.org>; Sun, 29 Sep 1996 16:31:37 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.8.0/8.6.6.Beta9) id RAA03594; Sun, 29 Sep 1996 17:35:45 -0400 (EDT)
Date: Sun, 29 Sep 1996 17:35:44 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5204] Graying WX stations.
In-Reply-To: <Pine.GSO.3.95.960928155408.11121A-100000@arctic>
Message-ID: <Pine.BSF.3.91.960929173242.3507A-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 28 Sep 1996, Bob Bruninga wrote:

> On Fri, 27 Sep 1996, Paul S. Malarik wrote:
>
> > Hi Bob; as per your request for info I can confirm that 77b still greys out
> > the home weather station. The system runs as follows:
> > PK232 ON COM1, DAVIS WEATHER MONITOR II ON COM 2
>
> APRSdos REPLY/COMMENT: I am getting conflicting data. Some say it DO,
> some say it DONT... Anyone figure out the difference?

I'm running 7.7b with KPC-3, Ultimeter II, on 286 machine..no problems
(but I did rename the config file so I could start fresh....I had had
problems with Just WX not wanting to un-toggle)

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From dwittich@concentric.net Sun Sep 29 18:37:48 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA15578 for <aprssig@tapr.org>; Sun, 29 Sep 1996 18:37:45 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id TAA18788; Sun, 29 Sep 1996 19:37:42 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <dwittich@concentric.net>
Received: from witticd.USFG.COM (cnc041068.concentric.net [206.173.33.68])
     by cliff.cris.com (8.7.5)
     id TAA12661; Sun, 29 Sep 1996 19:37:39 -0400 (EDT)
Message-Id: <1.5.4.32.19960929233800.0067c864@pop3.concentric.net>
X-Sender: dwittich@pop3.concentric.net
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 29 Sep 1996 19:38:00 -0400
To: aprssig@tapr.org
From: Doug Wittich <dwittich@concentric.net>
Subject: UNPROTO path

I've read ops, digi & several other of the doc files. In a way, I'm more confused than ever :-)

I can hear a wide (shows as a green star), so I've changed my path to callsign,wide,wide, where the callsign of the wide is placed.   Is this right?

My alias is set as RELAY, as I'm two or three miles off I-95.

And if that is the right path, exactly, in plain English, does it mean? Does it mean my packets will go to the wide, then go to another wide, which will send it to a third, and that one will not send it out?

Doug N3VEJ Perry Hall, MD

From bruninga@nadn.navy.mil Sun Sep 29 18:44:37 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA15692 for <aprssig@tapr.org>; Sun, 29 Sep 1996 18:44:34 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id TAA27243 for <aprssig@tapr.org>; Sun, 29 Sep 1996 19:49:37 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 29 Sep 1996 19:49:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5208] DOS *.TXT FILES
In-Reply-To: <199609282210.SAA31751@mail-e2a.gnn.com>
Message-ID: <Pine.GSO.3.95.960929194848.27137B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Permission granted to copy the files, but maknig it a self extracting file is uesless for the mac folks. SInce a mac will not run an .exe file....

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sun Sep 29 18:45:53 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA15730 for <aprssig@tapr.org>; Sun, 29 Sep 1996 18:45:51 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id TAA27256 for <aprssig@tapr.org>; Sun, 29 Sep 1996 19:50:54 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 29 Sep 1996 19:50:53 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5209] Wx Problems in 7.7b?

In-Reply-To: <324DAA67.164C@polar.polarcomm.com>
Message-ID: <Pine.GSO.3.95.960929195013.27137C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 28 Sep 1996, Connie Hulst wrote:

> I just joined the list. APRS 7.7b is not decoding U-2000 remote
> packets correctly, and I heard that this might be a software
> problem. Is this true? Any word on when the next version is coming?

APRSdos REPLY/COMMENT: If this is true, someone better tell me about it..

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Sun Sep 29 18:50:30 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA15974 for <aprssig@tapr.org>; Sun, 29
Sep 1996 18:50:27 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id TAA27302 for <aprssig@tapr.org>; Sun, 29 Sep 1996
19:55:29 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 29 Sep 1996 19:55:29 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5211] Re: APRS/AMSAT VHF FREQ
In-Reply-To: <324DB21C.2216@ibm.net>
Message-ID: <Pine.GSO.3.95.960929195305.27137F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 28 Sep 1996 rrtheri@ibm.net wrote:

> A DIGI station has been in operation in Montreal for the last
> 2 years on 145.770MHZ on account of the fact that a BBS had
> been on 145.790MHZ prior to the start of operation on APRS.
> It is presently planned to go to 144.390MHZ in the near future
> Bob WA4APR is aware of that fact.

APRSdos REPLY/COMMENT: Yes, I am aware of canadians on 144.39, but I
still think that was unfortunate, hi hi... If I remember, this was
because of one BBS in one city. My recommendation all along was to put
that city on whatever other freq they wanted, and then let the rest of
canada stick with 145.79 if available...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From davidmc@goodnet.com Sun Sep 29 21:35:56 1996
Received: from goodguy.goodnet.com (root@goodnet.com [207.98.129.1]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id VAA21437 for <aprssig@tapr.org>; Sun, 29 Sep 1996 21:35:54 -0500 (CDT)
Received: from 206.43.126.175 (tempe-ts5-14.goodnet.com [206.43.126.175]) by goodguy.goodnet.com (8.7.5/8.7.1) with SMTP id TAA02973 for <aprssig@tapr.org>; Sun, 29 Sep 1996 19:34:45 -0700 (MST)
Message-ID: <324F31F5.DAE@goodnet.com>
Date: Sun, 29 Sep 1996 19:35:33 -0700
From: David & Roxanne McCarthy <davidmc@goodnet.com>
X-Mailer: Mozilla 2.02 (Macintosh; I; PPC)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5224] docs
References: <199609291514.IAA27356@franc.ucdavis.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Lakeland wrote:
>
> Hi all,
>   Two things. I don't think a Mac can deal with a SELF EXTRACTING zip
> file since this is a .EXE file. The Motorola CPU in a Mac cannot execute
> Intel CPU instructions. Also, the Mac Win docs can be gotten from Keith
> Sproul's home page at Rutgers. I don't have the URL handy, maybe someone
> else can supply it. Thanks to all for all the help,
> John Lakeland kc6vlr

Its simply. Just make the doc a TEXT doc and the Mac can read it.

From steved@vianet.on.ca Sun Sep 29 21:47:56 1996
Received: from vianet.on.ca (root@gwn.vianet.on.ca [204.187.88.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA21760 for <aprssig@tapr.org>; Sun, 29 Sep 1996 21:47:54 -0500 (CDT)
Received: from steved.vianet.on.ca (hunt47.vianet.on.ca [206.186.208.47]) by vianet.on.ca (8.7.6/8.7.3) with ESMTP id WAA09128 for <aprssig@tapr.org>; Sun, 29 Sep 1996 22:45:58 -0400 (EDT)
Message-Id: <199609300245.WAA09128@vianet.on.ca>
From: "Stephen Dubois" <steved@vianet.on.ca>
To: "APRSSIG" <aprssig@tapr.org>
Subject: MS Mailer   (Explorer 3.0)
Date: Sun, 29 Sep 1996 22:23:41 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello All,

Just a note to let others on the sig know the problem of encoding as an attachment at the end of a msg using MS mailer is correctable.. I am using the new MS-Explorer 3.0 with the mailer and news reader.

Here is what I did to correct the problem.

Click on "MAIL"
Click on "OPTIONS" to configure
Click on the "SEND" tab
Click on "SETTINGS" within the send tab
Where it says "MIME UNDER MESSAGE FORMAT" make sure the "ENCODE TEXT USING" window
says "NONE"..

That should do it...73 to all and have fun..Hope this helps...

Steve Dubois
CANWARN SPOTTER VA3HOI
(S)huttle(A)mateur(R)adio(EX)periment STATION
APRS,WinAPRS,APRTRAK
E-mail:steved@vianet.on.ca

From jwillis@vir.com Sun Sep 29 21:55:49 1996
Received: from Vir.com (News.Vir.com [199.84.154.68]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA22089 for <aprssig@tapr.org>; Sun, 29 Sep 1996 21:55:46 -0500 (CDT)
Received: from ipdyne44.vir.com [199.202.197.44] by Vir.com (8.7.1/v1.1) with SMTP
       id WAA24709 for <aprssig@tapr.org>; Sun, 29 Sep 1996 22:53:43 -0400 (edt)
Message-Id: <199609300253.WAA24709@Vir.com>
X-Sender: jwillis@vir.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 29 Sep 1996 22:55:45 -0400
To: aprssig@tapr.org
From: jwillis@vir.com (Joseph Willis)
Subject: Re: [APRSSIG:5211] Re: APRS/AMSAT VHF FREQ

>Good Evening Joe,
>
>My name is reginald and live in Terrebonne Que.
>In your message you mention that the APRS operating frequency
>in Montreal is 145.790 MHZ.
....
Thank you very much for the info Reg. I recognize your callsign from the aprs map of Quebec that comes with the dos version of aprs.

Okay on the frequency of the aprs network here. I am very new to this, but I did meet one other Montreal ham on 145.79 whose call escapes me right now. (He lives in Eastern Montreal). I get lots of American stations, especially one KB2LML who seems to be sitting right on the US/Canadian border.

Can you tell me - is it a bit like the packet system, where information is passed through various gateways from one frequency to another? Will I see all those US stations if I sit on 145.77? And does everybody digipeat information for each other? Thanks for your help Reg - hope to keyboard at

you some time. Joe

Joe Willis VE2CY
Email: jwillis@vir.com
Packet: ve2cy@ve2fkb

From rwf@mindspring.com Sun Sep 29 22:19:30 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA23026 for <aprssig@tapr.org>; Sun,
29 Sep 1996 22:19:28 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.7.5/8.7.3) with ESMTP id XAA18892 for
<aprssig@tapr.org>; Sun, 29 Sep 1996 23:19:28 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id XAA08259 for
<aprssig@tapr.org>; Sun, 29 Sep 1996 23:19:25 -0400
Message-Id: <2.2.32.19960930032313.006fd6e4@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 29 Sep 1996 23:23:13 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:5231] UNPROTO path Reply

Doug was wondering about what the path DIGI, WIDE, WIDE meant.

Hi Doug

As long as you can *hit* the digi you specified as the first in the list,
you should digi thru it and out thru the WIDES one hop away from it. Then
you will digi thru the WIDEs one more hop away (including the one you hit
the first time by using its callsign). This is the inherent problem with
Wide, Wide, Wide (or Callsign, Wide, Wide). If you can't hit that first
digi you specified, you will go nowhere except local to your house.

One day, when digis can keep from digiing the same packet twice, the world
will be full of sweetness and light   (ugghh yuck).

Your *alias* of RELAY will allow other users using an UNproto of RELAY
(usually beginners and passing mobiles) to use your station as a hop to help
them hit the digi. I use RELAY as the first entry in my mobile tracker's
path a lot. I never know where I will be, and the RELAY helps me hit
whatever is possible. All our local digis respond to RELAY as well as WIDE.
You can't readily keep your alias as anything but RELAY anyway, at least
with DosAPRS (APRS sets it back to RELAY periodically even if you change it,
unless you use a command that manually sets you to WIDE.)

Ralph
rwf@mindspring.com

From rwf@mindspring.com Sun Sep 29 22:19:32 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA23042 for <aprssig@tapr.org>; Sun, 29 Sep 1996 22:19:30 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id XAA00882 for <aprssig@tapr.org>; Sun, 29 Sep 1996 23:19:29 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id XAA08268 for <aprssig@tapr.org>; Sun, 29 Sep 1996 23:19:28 -0400
Message-Id: <2.2.32.19960930032316.006fe498@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 29 Sep 1996 23:23:16 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Upcoming SO Cal APRS trip this weekend

Just a reminder:
I'll be in San Diego beginning this Saturday thru tthe following Thursday or Friday. Then heading to LA until Wed or so and then back to SD. Keep an eye out (I'll be on 145.79 as N4NEQ-9) and maybe we can eyeball. My pager info in in my signature.

Ralph Fowler, N4NEQ , S.E.R.A. ATV Technical Advisor Atlanta, GA USA

Internet Email: rwf@mindspring.com Pager Email: 7647836@skytel.com
2 way pager: 1 (800) 764-7836
http://www.mindspring.com/~rwf for APRS, ATV, Balloon, and Ham info
My hobby is tracking Vehicles and other things using Ham Radio and APRS.
Ask me how!

From n2iph@cyberenet.net Sun Sep 29 22:26:30 1996
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA23300 for <aprssig@tapr.org>; Sun, 29 Sep 1996 22:26:29 -0500 (CDT)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp
     (Smail3.1.29.1 #7) id m0v7Z00-000O47C; Sun, 29 Sep 96 23:26 EDT
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp
     (Smail3.1.29.1 #8) id m0v7Yzy-0006FFC; Sun, 29 Sep 96 23:26 EDT
Message-ID: <324F3D47.273B@cyberenet.net>
Date: Sun, 29 Sep 1996 23:23:51 -0400
From: Bob Derderian <n2iph@cyberenet.net>
Reply-To: n2iph@cyberenet.net
Organization: ISA
X-Mailer: Mozilla 3.0b6Gold (Win95; I)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5232] Re: DOS *.TXT FILES
References: <Pine.GSO.3.95.960929194848.27137B-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That is one reason why I put the files for APRS77 at my FTP site up in
plain ASCII txt. They are not Zipped ot compressed in any way, so you
can just view them on-line or download to your hearts content.

73...Bob

NNNN

From bruninga@nadn.navy.mil Sun Sep 29 23:25:41 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA26147 for <aprssig@tapr.org>; Sun, 29
Sep 1996 23:25:39 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id AAA02759; Mon, 30 Sep 1996 00:30:40 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 30 Sep 1996 00:30:40 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
Reply-To: Bob Bruninga <bruninga@nadn.navy.mil>
To: amsat-bb@amsat.org
cc: aprssig@tapr.org, wd0e@amsat.org
Subject: 144.3-.5 Mhz Mobile Satellite channels
Message-ID: <Pine.GSO.3.95.960929224213.993A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Comments recently on the Frequency Coordinator's remailer indicate that
> AMSAT has no future plans for the band 144.3 to 144.5 for satellite use.

WOOOAHA.. Please consider the following VERY IMPORTANT CONSIDERATION
before AMSAT relinquishes these satellite uplink frequencies. These
2 meter frequencies are unique in three very important ways:

1) At 2 meters, the doppler is only 3 KHz meaning that 9600 baud uplinks
    without satellite tracking automatic frequency control are possible.
2) These frequencies are *not* shared with satellite downlinks.
3) The path loss is 5 dB less than on any other amateur satellite band.

All three of these combine to make these 2 meter satellite uplink channels
IDEAL for any kind of nationwide (or worldwide) MOBILE VEHICLE POSITION/
STATUS reporting AMATEUR SATELLITE network! Consider the following:

A) Automatic Position Reporting and PRECISE TIME via GPS is
revolutionizing communication networks worldwide. GPS IS HERE TO STAY!

B) Mobile 9600 baud satellite packet uplinks using a 19" mobile whip and

25 watt FM rig on 2 meters are perfectly viable.

C) At 9600 baud, a GPS position/status report using the new APRS MicEncoder format takes under 40 ms. Using GPS precise timing, assigned slot TDMA can be used to accomodate up to 2400 stations per satellite footprint if each one transmits once every 2 minutes. This could accomodate over 7200 mobiles nationwide per channel.

D) Each position/status packet per vehicle contains the following info:
* Position to the nearest 60 feet PLUS Course and speed
* 4 optional analog telemetry values (battery voltage, etc...)
* 1 of 7 pre-defined msgs: Onduty, Enroute, Returning, Emergency, etc
* Or, in place of the above, any other single line TEXT STATUS report or message line.

E) Mobiles transmit these UI frames periodically at a once every 2 minute interval and are relayed by an APRsat whenever one comes into view. One APRsatellite would provide probably 4 reports per mobile per day, 2 in the evening and 2 in the morning. Four APRsats could provide position/status for all mobiles world wide at least every 90 minutes.

F) Because of the density of mobiles on the uplink, these channels cannot be shared with any satellite downlinks, and require a nationwide (or worldwide) allocation. Even though 144.3-.5 is NOT available in some countries for satellite uplink, the other 90% of the earth's surface (boats at sea and polar expeditions) could benefit from this application. There are currently over 1000 members of the HAM RADIO RECREATIONAL VEHICLE club, and unknown thouands of AMATEUR radio boat owners...

If HAM radio is to continue to stay current with modern technology, then the use of Amateur Satellites to augment mobile vehicle position and status communications must be considered as a fundamental need over the next decade. I may have made some mistakes in the above thumbnail sketch of the possibilities, but I wanted to get this out ASAP, before AMSAT does something regretable in giving up currently protected 2 meter spectrum. Currently published allocations:

144.34 National High Altitude Balloon and ATV voice channel
144.39 National Canadian APRS
144.45 SAREX
144.47 SAREX
144.49 SAREX

I REPEAT, please lets not give up these unique satellite frequencies with low doppler and MINIMAL path loss WHICH ARE THE ONLY VIABLE CHANNELS for simple mobile vehicle satellite uplinks.

From bruninga@nadn.navy.mil Sun Sep 29 23:32:30 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA26287 for <aprssig@tapr.org>; Sun, 29 Sep 1996 23:32:28 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id AAA02903 for <aprssig@tapr.org>; Mon, 30 Sep 1996

00:37:31 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 30 Sep 1996 00:37:31 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5214] X-1J4 Fade in Nashville
In-Reply-To: <199609290120.UAA04586@tapr.org>
Message-ID: <Pine.GSO.3.95.960930003605.2575C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 28 Sep 1996 mark.endicott@nashville.com wrote:

> The following is the information you requested regarding the "digi fade"
> problem in Nashville. Help !! What are we doing wrong?
>
> Pos:!******/3626.54N/08629.30W#PHG3663/WIDE-RELAY...KC4WPS-3
>
> KC4WPS-3>WIDE*>ID:TheNet X-1J4 (APRS79)
> !3626.54N/08629.30W#PHG3663/WIDE-RELAY

APRSdos REPLY/COMMENT: Wow, looks perfect to me! Maybe I gotta bug?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From martinbw@telalink.net Sun Sep 29 23:35:15 1996
Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA26511 for <aprssig@tapr.org>; Sun, 29 Sep 1996
23:35:14 -0500 (CDT)
Received: from oscar.telalink.net (nash-pm3-s3.telalink.net [205.241.232.100]) by
eve.telalink.net (8.7.5/Telalink-4.83) with SMTP id XAA15449 for
<aprssig@tapr.org>; Sun, 29 Sep 1996 23:35:09 -0500 (CDT)
X-Mailer: InterCon tcpCONNECT4 4.0.1 (Macintosh)
MIME-Version: 1.0
Message-Id: <9609292335.AA27407@oscar.telalink.net>
Date: Sun, 29 Sep 1996 23:35:27 -0500
From: "Bruce W. Martin" <martinbw@telalink.net>
To: aprssig@tapr.org
Subject: Re: docs
Content-Type: Text/Plain; charset=US-ASCII
Content-Disposition: Inline

> John Lakeland wrote:
> > Hi all,
> >   Two things. I don't think a Mac can deal with a SELF EXTRACTING
> > zip file since this is a .EXE file. The Motorola CPU in a Mac
> > cannot execute Intel CPU instructions. Also, the Mac Win docs can
> > be gotten from Keith Sproul's home page at Rutgers. I don't have the
> > URL handy, maybe someone else can supply it. Thanks to all for all
> > the help, John Lakeland kc6vlr
>

> --
That David & Roxanne McCarthy <davidmc@goodnet.com> replied with:
> Its simply. Just make the doc a TEXT doc and the Mac can read it.
>

If the file is zipped and made self extracting, StuffIt expander will handel
it just fine either way.

Bruce

--

****
* Bruce W. Martin   Internet: martinbw@telalink.net   *
* 4558 Brooke Valley Dr.   HAM Call: KQ4TV   *
* Hermitage TN 37076-2650   *
* Voice: (615) 872-7733 Targeting:36 10 30 N/86 35 30 W   *
* FAX/MODEM: (615) 872-0045   APRS:3610.50N/08635.50W   *
* URL: http://www.telalink.net/~martinbw/home.html   *
*   ftp://ftp.telalink.net/~martinbw   *
*   I have a 486DX33 to play games and run some HAM programs,*
*   when I want to do serious work I use a Macintosh.   *
****

From bruninga@nadn.navy.mil Sun Sep 29 23:54:21 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA27979 for <aprssig@tapr.org>; Sun, 29
Sep 1996 23:54:20 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id AAA03130 for <aprssig@tapr.org>; Mon, 30 Sep 1996
00:59:23 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 30 Sep 1996 00:59:23 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5227] Re: Graying WX stations.
In-Reply-To: <324EA799.4092@ezl.com>
Message-ID: <Pine.GSO.3.95.960930005709.2575J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 29 Sep 1996, Larry Miller wrote:

>   I still am having my station graying out. I tried to delete the old
> config file and rebuild and I am still having the problem.

APRSdos REPLY/COMMENT: Sometimes your transmitted packet may be received
with a slight garble (such has having a "c" or "cmd" infront of it. APRS
sees this as a NEW station with the call of cmdW3XYZ and then plots this
garble of your station ON TOP of your station. Since this was a ONE-TIME
garble, it will eventually fade to gray! COuld this be it?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Mon Sep 30 00:00:56 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA28452 for <aprssig@tapr.org>; Mon, 30
Sep 1996 00:00:54 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id BAA03180 for <aprssig@tapr.org>; Mon, 30 Sep 1996
01:05:58 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 30 Sep 1996 01:05:57 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5231] UNPROTO path
In-Reply-To: <1.5.4.32.19960929233800.0067c864@pop3.concentric.net>
Message-ID: <Pine.GSO.3.95.960930010056.2575K-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 29 Sep 1996, Doug Wittich wrote:

> I can hear WB4APR-11 (a wide), so I've made my path WB4APR-11,wide,wide
> right?

APRSdos REPLY/COMMENT: That is the same as W,W,W since APR-11 is a wide.
GO to VIEW screen and watch what happens each time you transmit, you will
probalby see LOTS of copies of your packet.   (thou maybe not this week,
since APR-1 is still down.

YOur best bet (when APR-1 comes back up) is to use WIDE,WIDE,WA2JNF-4
Which will get you to NY city, or W,W,WA4TFZ which will get you to
Charlottsville. In both cases you will still also get out 2 hops in all
directions.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From bruninga@nadn.navy.mil Mon Sep 30 00:12:00 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA01538 for <aprssig@tapr.org>; Mon, 30
Sep 1996 00:11:56 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id BAA03262 for <aprssig@tapr.org>; Mon, 30 Sep 1996
01:17:00 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 30 Sep 1996 01:16:59 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: 145.79/ 144.39 and 145.01

Message-ID: <Pine.GSO.3.95.960930011000.2575M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If your area has chosen to use a frequency different from 145.79 due to coordination problems, yet you would still like to see an occassional XTAL controlled mobile who might drive into your area, consider this:

SImply add a 145.79 RECEIVER at your WIDE site.

You will hear his packet and digipeat it over onto your coordinated frequency... AND His puney 1 second packet low to the ground will likely not be a problem to any pre-existing user of 145.79 while he is visiting.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From henryvb@dpliv.com Mon Sep 30 00:42:41 1996
Received: from pcweb.dpliv.com (pcweb.dpliv.com [206.31.254.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA04888 for <aprssig@tapr.org>; Mon, 30 Sep 1996 00:42:40 -0500 (CDT)
Received: from ns.dpliv.com ([206.31.254.51]) by pcweb.dpliv.com (8.7.4/8.6.9) with SMTP id AAA03676 for <aprssig@tapr.org>; Mon, 30 Sep 1996 00:44:22 -0500
Message-ID: <324F5DCD.1862@dpliv.com>
Date: Mon, 30 Sep 1996 00:42:37 -0500
From: henryvb <henryvb@dpliv.com>
Reply-To: henryvb@dpliv.com
Organization: Who's got time to get organized?
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: Unable To get To N2IPH's Web Page
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alan sed:

> I have tried, unsuccessfully to get to N2IPH's web page. Used NS. 3.0, IE
> 3.0, and FTP....no luck.
> All say URL not found???? Any ideas.
>

Web page works fine, no problem. ftp page is

ftp://ftp.cyberenet.net/home/n2iph

From kwi@cc.hut.fi Mon Sep 30 02:31:39 1996
Received: from snake.hut.fi (snake.hut.fi [193.167.6.99]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA07180 for <aprssig@tapr.org>; Mon, 30 Sep 1996 02:31:32 -0500 (CDT)
Received: from delta.hut.fi (kwi@delta.hut.fi [130.233.224.53]) by snake.hut.fi (8.7.5/8.7.3) with SMTP id KAA38424; Mon, 30 Sep 1996 10:31:12 +0300
Date: Mon, 30 Sep 1996 10:31:12 +0300 (EET DST)

From: Kaj Wiik <kwi@cc.hut.fi>
Reply-To: kaj.wiik@hut.fi
To: Bob Bruninga <bruninga@nadn.navy.mil>
cc: amsat-bb@amsat.org, aprssig@tapr.org
Subject: Re: 144.3-.5 Mhz Mobile Satellite channels
In-Reply-To: <Pine.GSO.3.95.960929224213.993A-100000@arctic>
Message-ID: <Pine.OSF.3.93.960930102527.32350B-100000@delta.hut.fi>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 30 Sep 1996, Bob Bruninga wrote:

> A) Automatic Position Reporting and PRECISE TIME via GPS is
> revolutionizing communication networks worldwide. GPS IS HERE TO STAY!
GPS is but don't know about APRS :)?

...

> F) Because of the density of mobiles on the uplink, these channels cannot
> be shared with any satellite downlinks, and require a nationwide (or
> worldwide) allocation. Even though 144.3-.5 is NOT available in some
> countries for satellite uplink, the other 90% of the earth's surface
> (boats at sea and polar expeditions) could benefit from this application.
> There are currently over 1000 members of the HAM RADIO RECREATIONAL
> VEHICLE club, and unknown thouands of AMATEUR radio boat owners...
To my knowledge this band is not allocated for *any* satellite use in
IARU Region 1, sorry. This segment was invented by ARRL.

Cheers,

Kaj
oh6eh@amsat.org

PS. No, I don't own a boat...

From ke4htm@bluenet.net Mon Sep 30 03:29:34 1996
Received: from prophet.bluenet.net (prophet.bluenet.net [205.244.98.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id DAA08918 for <aprssig@tapr.org>; Mon, 30
Sep 1996 03:29:32 -0500 (CDT)
Received: from ke4htm.bluenet.net by prophet.bluenet.net via SMTP
(940816.SGI.8.6.9/940406.SGI)
     for <aprssig@tapr.org> id EAA24127; Mon, 30 Sep 1996 04:15:23 -0700
Message-Id: <2.2.32.19960930082930.0068b7cc@bluenet.net>
X-Sender: ke4htm@bluenet.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Sep 1996 04:29:30 -0400
To: aprssig@tapr.org
From: "Jamie R. Dean" <ke4htm@bluenet.net>

Subject: beeps

I'll be running APRS and all of a sudden my laptop will start beeping like 5 beeps and a 3 sec pause and then 5 beeps. If I press any APRS command it stops. What is this??

Jamie

+--+
| Jamie R. Dean |
| Amateur Radio Call: KE4HTM |
| Internet E-Mail...: ke4htm@bluenet.net |
| AX.25 E-Mail......: ke4htm@kd4om.#hky1.nc.us.noam |
| APRS Page.........: http://www.bluenet.net/ke4htm |
+--+

From jratchf@bulldog.afsc.k12.ar.us Mon Sep 30 07:13:54 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA13602 for <aprssig@tapr.org>; Mon, 30 Sep 1996 07:12:48 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip3.afsc.k12.ar.us [170.211.157.177]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id HAA03067 for <aprssig@tapr.org>; Mon, 30 Sep 1996 07:12:38 -0500
Message-Id: <199609301212.HAA03067@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5210] NEPA APRS
Date: Mon, 30 Sep 1996 07:12:13 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

There is a well located WIDE in Erie, PA. I ran across it on my trip thru there. I'll have to look it up first!
--
J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* ARRL * ARES EC * RACES * NAARS, Inc. *
* MVFD/EMS FR * CCL #426 *

> From: Al Zelna <ldajz@epix.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:5210] NEPA APRS
> Date: Saturday, September 28, 1996 6:03 PM
>
> Howdy folks,
>
> Some time ago I sent out a message to this SIG looking for the calls of
> APRS WIDEs in WNY and ENY. I don't seem to recall getting any replies.
> Does anyone know if there are any in or around Hamandsport, Ithaca,
> Elmira, Binghamton, Utica, or Albany?
>
> Depending on Sunday's weather, a few of us will be making an afternoon
> trip to another mountain range near Scranton, PA to run a few tests. We
> will be setting up a temporary APRS WIDE who's call should be either
> WA3LWR OR KD3GG (SSID unknown). The system will be running 25 watts
> into a 13 element beam, on 145.79 MHz.
>
> The goal of our mission: Try to make contact with "the other side"
> ..which refers to the PA - NY state line. We'll be swinging from 285
> degrees over to 30 degrees in hope of being able to work a WIDE
> directly. If we are successful, an appropriate UNPROTO will be set, and
> the digi may stay up for as much as a few weeks.
>
> If anyone hears (sees) us, please send a message to our callsign.
>
>
> 73 de AL, N3KAE

From kf4dys@juno.com Mon Sep 30 08:49:05 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA16646 for <aprssig@tapr.org>; Mon, 30
Sep 1996 08:49:03 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
     id JAB01142; Mon, 30 Sep 1996 09:48:47 EDT
To: aprssig@tapr.org
Date: Sun, 29 Sep 1996 21:49:34 PST
Subject: Re: Mouse problem
Message-ID: <19960930.084358.4503.1.kf4dys@juno.com>
References: <Pine.GSO.3.95.960906134011.8517C-100000@arctic>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-9
From: kf4dys@juno.com (Joe Foor)

Thanks Bob;

I upgraded to ver 77b and the mouse is still working in
the morning, when I stagger in, with one eye partly open,
trying to look at the maps.

Now if it would just start the coffee pot for me... :-)

regards,
Joe

From n2mpm@worldnet.att.net Mon Sep 30 09:54:13 1996
Received: from mtigwc01.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA18528 for
<aprssig@tapr.org>; Mon, 30 Sep 1996 09:54:08 -0500 (CDT)
Received: from [207.116.44.62] ([207.116.98.243])
          by mtigwc01.worldnet.att.net (post.office MTA v2.0 0613)
          with SMTP id AAA16086 for <aprssig@tapr.org>;
          Mon, 30 Sep 1996 14:53:30 +0000
Message-ID: <324FDF1A.5839@worldnet.att.net>
Date: Mon, 30 Sep 1996 14:54:18 +0000
From: Brian Boccardi <n2mpm@worldnet.att.net>
X-Mailer: Mozilla 2.02E (Macintosh; U; 68K)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5208] DOS *.TXT FILES
References: <199609282210.SAA31751@mail-e2a.gnn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for creating the self extractor but it won't help on a
Macintosh. For Mac Users just Zipped is fine. I got the Files off the
TAPR CD, unzipped them and started reading.

From sproul@ap.org Mon Sep 30 10:05:42 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id KAA18948 for <aprssig@tapr.org>; Mon, 30 Sep 1996 10:05:40 -0500
(CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
     id LAA01687; Mon, 30 Sep 1996 11:00:19 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007806ae758a7b1473@[165.1.27.20]>
In-Reply-To: <199609282210.SAA31751@mail-e2a.gnn.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Sep 1996 10:40:00 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5208] DOS *.TXT FILES

>For MAC and WIN users, I have transcribed ALL the aprs txt files to
>a self-extracting zip file called "APRSTXT.EXE" It is 268,091 bytes
>in size. I will send it to anyone that wants it for the cost of a
>disk and postage, or if there is a way to post it on TAPR's ftp
>site, (I don't know how to do that) then it will be available to
>anyone, and Bob Burininga, I DO hope I have your authorization to
>do this. 73 all, John - N5XAK...

A xxx.EXE file is USELESS to a Mac user. A ZIP file is at least able to be read on a Mac (can a PC handle a Mac Stuffit file?). Anyone who has access to the internet and therefore could have received this message can download all of this from the internet anyway.

We included ALL of the dosAPRS documentation on the CD-ROM we released in May at Dayton, these documents have been put together in HTML for so they can be eaisly read from any WEB brouser, the are still text files so can be read individually by anyone who does not have a Web brouser.

I am sorry if I sound a bit miffed but for the most part I feel this entire dicussion is mute. All of the people on this mailing list have access to the internet and can download this if they want. We have been discussing the issues with Bob and will be including more of the general stuff (i.e. digis and protocals) in the Mac/WinAPRS documentation. In the mean time we have alwasy made avaialble the dosAPRS documentation and it has been on TAPR all of the time.

Mark

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From sproul@ap.org Mon Sep 30 10:05:45 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA18960 for <aprssig@tapr.org>; Mon, 30 Sep 1996 10:05:42 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
     id LAA01713; Mon, 30 Sep 1996 11:00:25 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007807ae758ca49676@[165.1.27.20]>
In-Reply-To: <1.5.4.32.19960929003433.006a58bc@gnatnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Sep 1996 10:43:01 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5213] Re: WinAPRS Can't load serial dlls msg

>
>>The REQUIRES SERIALL DLLS message is just to indicate that the DLLs are
>>needed for that version, not that they are missing.
>>
>>
>>Open the INTERNAL STATE window, that will tell you if they are loaded

>>properly or not.
>
>I'm not familiar with this. Can you hum a few bars? :-)
>

Under the LIST WINDOWS is an item "INTERNAL STATE" this is a list of all
of the information that could be useful to me in debugging what is going on
inside of WinAPRS. Look at this window and it will be tell you if there are
problems

Mark

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From sproul@ap.org Mon Sep 30 10:05:50 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id KAA18984 for <aprssig@tapr.org>; Mon, 30 Sep 1996 10:05:47 -0500
(CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
     id LAA01742; Mon, 30 Sep 1996 11:00:31 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780aae758e8e09a0@[165.1.27.20]>
In-Reply-To: <v02140b00ae736b332b98@[199.1.11.140]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Sep 1996 10:54:35 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5212] Docs -The fix-

>THIS doc problem is so easy to fix.
>----------------------------------
>
>Bob, Keith and Mark are busy so lets let Bill upload a APRSdocs.zip
>to the APRS,WINaprs,MACaprs areas. He can update the file when=20
>Bob uploads a new version.
>
>Bill can appoint a new documentation gofer when he get too busy.
>
>John Gafford can help on this
> -when he learns how to upload to the APRSsig FTP site :-)
>

Yes Keith and Mark are busy, but I do not want Bill or anyone else uploading stuff to the WinAPRS directory other than Maps. We will address the documentation issues and will upload the necessary documents. In the mean time WE will upload the entire dosAPRS documentation packages to the approriate areas so that the Windows and Mac users can have access to them without having to search for them.

Most of the TAPR ftp site is password proctected on uploading and almost all of the Rutgers site is that way.

I am going to try to have the entire dosAPRS docs up on Rutgers in web browser form today.

Mark

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From bruninga@nadn.navy.mil Mon Sep 30 10:47:38 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA20217 for <aprssig@tapr.org>; Mon, 30 Sep 1996 10:47:36 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id LAA29834 for <aprssig@tapr.org>; Mon, 30 Sep 1996 11:52:40 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 30 Sep 1996 11:52:39 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5249] beeps
In-Reply-To: <2.2.32.19960930082930.0068b7cc@bluenet.net>
Message-ID: <Pine.GSO.3.95.960930115208.27415C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 30 Sep 1996, Jamie R. Dean wrote:

> I'll be running APRS and all of a sudden my laptop will start beeping like 5
> beeps and a 3 sec pause and then 5 beeps. If I press any APRS command it
> stops. What is this??

APRSdos REPLY/COMMENT: EIther a WX alarm, or you have set a POSITION alarm on someone, and they moved...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From sproul@ap.org Mon Sep 30 12:08:12 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA22945 for <aprssig@tapr.org>; Mon, 30 Sep 1996 12:08:10 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
     id NAA06252; Mon, 30 Sep 1996 13:02:55 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780eae75ac8012ee@[165.1.27.20]>
In-Reply-To: <324F31F5.DAE@goodnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Sep 1996 13:04:24 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: APRS Documentation

The ENTIRE documentation for APRS can be found at

http://aprs.rutgers.edu/APRS/

is is the same as before with the addition of

     dosAPRS Documentation.

This link takes you to a list of ALL of the dosAPRS readme files. They can all be accessed by clicking from within your web browser. These are the latest (7.7) docs for APRS.

You now have ONE location to get ALL of the docs.

I will be making the ENTIRE directory into a ZIP file, including the images so that you can download it and view them locally. This makes it MUCH faster and makes it so that you do not have to dial in to read the docs. All links are realitve with in the documents so that as long as the directory structure is kept the same, it will all work. File names have all been kept 8.3 so it will work under Windows 3.1, Win95 and Mac (and unix too).

Mark Sproul

Mark Sproul |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
http://msproul.rutgers.edu/

From mead@hamal.usc.edu Mon Sep 30 13:01:30 1996
Received: from usc.edu (usc.edu [128.125.253.136]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA24327 for <aprssig@tapr.org>; Mon, 30 Sep 1996 13:01:28 -0500 (CDT)
Received: from hamal.usc.edu (mead@hamal.usc.edu [128.125.18.25])
     by usc.edu (8.7.6/8.7.2/usc) with ESMTP
     id LAA07708 for <aprssig@tapr.org>; Mon, 30 Sep 1996 11:01:23 -0700 (PDT)
Received: (from mead@localhost)
     by hamal.usc.edu (8.7.6/8.7.3/usc)
     id LAA04179; Mon, 30 Sep 1996 11:01:21 -0700 (PDT)
Date: Mon, 30 Sep 96 11:01:21 PDT
From: Dick Mead <mead@hamal.usc.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5219] Re: Precision Mapping Problem?
In-Reply-To: Your message of Sat, 28 Sep 1996 22:49:56 -0500 (CDT)
Message-ID: <CMM.0.90.4.844106481.mead@hamal.usc.edu>

> If this is the case then why does this program not seem to respond to my RMC
> (and everything else the Garmin puts out) data so that the sat info window
> works ? I was under the impression that the sats signal levels would be
> graphed in the window.
>
> 1st I thought it was probably looking for another brand of GPS data that may
> have it but if it requires RMC like the Garmin puts out then it must be
> another problem.
>
>
> >Yes, as far as I have been able to determine, Prec Mapping GPS
> >NEEDS the RMC string to work.
> >Dick WB6NGC
> >
> >
> 73's Rich N2CZF
> Jupiter Farms Florida
> n2czf@magg.net   (E-Mail)
> http://www.magg.net/~n2czf   (Personal)
> http://www.magg.net/~n2czf/aprs.html   (Florida APRS)
> http://www.magg.net/~n2czf/brothers.html   (Brothers to the Rescue Human
> Rights Group)
>
>

Beats me. I am using an old Magellan Meridan. I don't get sat info.

Dick

From bruninga@nadn.navy.mil Mon Sep 30 13:07:53 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA24624 for <aprssig@tapr.org>; Mon, 30 Sep 1996 13:07:52 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id OAA21965; Mon, 30 Sep 1996 14:12:44 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Mon, 30 Sep 1996 14:12:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
Reply-To: Bob Bruninga <bruninga@nadn.navy.mil>
To: James R Miller <g3ruh@jrmiller.demon.co.uk>
cc: amsat-bb@amsat.org, aprssig@tapr.org
Subject: Re: 144.3-.5 Mhz Mobile Satellite channels
In-Reply-To: <19960930.082226.38@jrmiller.demon.co.uk>
Message-ID: <Pine.GSO.3.95.960930115532.27415E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 30 Sep 1996, James R Miller commented on Bob Bruninga's proposal
for a 2 meter mobile satellite uplink channel:...

Bob said: The path loss is 5 dB less than on any other amateur band.

> Whilst I have sympathy for your thesis, I'd just like to point out that
> for any given TX power, a given distance and a given RX antenna size
> (area), frequency is irrelevant.

WB4APR REPLY: Very true. But for the typical vertical 1/4 wave omni
antenna which a mobile would use for mobile satellite communications,
and which the microsat will use as a receive antenna, the aperture of
the antenna *is* proportional to wavelength squared and therefore the
overall pathloss is less in this application. Considering the larger
aperture on both the vehicle and the satellite for 19" whips, I think the
advantage of 2 meters is actually about 9.5 dB!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From n2czf@magg.net Mon Sep 30 17:35:54 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA02416 for <aprssig@tapr.org>; Mon, 30 Sep 1996
17:35:53 -0500 (CDT)
Received: from Cybergate (wpb-195.magg.net [205.218.112.195]) by grumpy.magg.net
(8.7.6/8.7.6-Zaph-1) with SMTP id SAA16297 for <aprssig@tapr.org>; Mon, 30 Sep
1996 18:35:50 -0400
Message-Id: <199609302235.SAA16297@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 29 Sep 1996 22:34:16 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:5241] 144.3-.5 Mhz Mobile Satellite channels

Everything sounds great Bob, I agree it would be a "moving" accomplishment
for the amateur community to be able to do this, one problem. Who would do

this ??? AMSAT seems to have their hands full with Phase III, costs are
REALLY out of this world to build such a thing that lasts, no punn intended,
and how many people really have the exp. to pull a stunt like this off ?
Does AMSAT have enough people or interest to devote to another project ?

nip>>>
>> Comments recently on the Frequency Coordinator's remailer indicate that
>> AMSAT has no future plans for the band 144.3 to 144.5 for satellite use.
>
>WOOOAHA.. Please consider the following VERY IMPORTANT CONSIDERATION
>before AMSAT relinquishes these satellite uplink frequencies. These
>2 meter frequencies are unique in three very important ways:
>
73's Rich N2CZF
Jupiter Farms Florida
n2czf@magg.net (E-Mail)
http://www.magg.net/~n2czf (Personal)
http://www.magg.net/~n2czf/aprs.html (Florida APRS)
http://www.magg.net/~n2czf/brothers.html (Brothers to the Rescue Human Rights Group)

From dwittich@concentric.net Mon Sep 30 18:30:38 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA03994 for <aprssig@tapr.org>; Mon, 30 Sep 1996 18:30:36 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
     by tribune.concentric.net (8.7.5/(96/09/19 1.3))
     id TAA11090; Mon, 30 Sep 1996 19:30:29 -0400 (EDT)
     [1-800-745-2747 The Concentric Network]
Errors-To: <dwittich@concentric.net>
Received: from witticd.USFG.COM (cnc041060.concentric.net [206.173.33.60])
     by cliff.cris.com (8.7.5)
     id TAA07548; Mon, 30 Sep 1996 19:23:48 -0400 (EDT)
Message-Id: <1.5.4.32.19960930232407.0068ee28@pop3.concentric.net>
X-Sender: dwittich@pop3.concentric.net
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Sep 1996 19:24:07 -0400
To: aprssig@tapr.org
From: Doug Wittich <dwittich@concentric.net>
Subject: Re: [APRSSIG:5245] Re: UNPROTO path

>YOur best bet (when APR-1 comes back up) is to use WIDE,WIDE,WA2JNF-4
>Which will get you to NY city, or W,W,WA4TFZ which will get you to
>Charlottsville. In both cases you will still also get out 2 hops in all

Thank you for the info. I also got a useful email from another sig user
who explained the wides pretty well. The sum of the two messages make a lot
more sense, and help me understand what I'm doing better.

Doug N3VEJ

From amirault@laraby.tiac.net Mon Sep 30 19:12:41 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA05422 for <aprssig@tapr.org>; Mon, 30 Sep 1996 19:12:39 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.8.0/8.6.6.Beta9) id UAA23338; Mon, 30 Sep 1996 20:12:37 -0400 (EDT)
Date: Mon, 30 Sep 1996 20:12:37 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5231] UNPROTO path
In-Reply-To: <1.5.4.32.19960929233800.0067c864@pop3.concentric.net>
Message-ID: <Pine.BSF.3.91.960930200600.23141A-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 29 Sep 1996, Doug Wittich wrote:

> I've read ops, digi & several other of the doc files. In a way, I'm more
> confused than ever :-)

Welcome to the club.

>
> I can hear a wide (shows as a green star), so I've changed my path to
> callsign,wide,wide, where the callsign of the wide is placed.
(snip)
> Does it mean my packets will go to the wide, then go to another wide, which
> will send it to a third, and that one will not send it out?

As I understand it: Assuming that there are WIDEs that can hear the next
WIDE .... Your packets will be digi'ed by the local WIDE (callsign),
then the second WIDE, then the third WIDE.

NOTE: Since your local WIDE (callsign) digi's with either callsign or WIDE
it TOO will digi your packet on the third hop, since it can hear the
second WIDE.

Richard Amirault   N1JDU   Boston, Massachusetts USA
amirault@tiac.net   "Go Fly A Kite"

From amirault@laraby.tiac.net Mon Sep 30 19:21:15 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA05702 for <aprssig@tapr.org>; Mon, 30 Sep 1996 19:21:13 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.8.0/8.6.6.Beta9) id UAA23493; Mon, 30 Sep 1996 20:21:15 -0400 (EDT)
Date: Mon, 30 Sep 1996 20:21:15 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org

Subject: Re: [APRSSIG:5244] Re: Graying WX stations.
In-Reply-To: <Pine.GSO.3.95.960930005709.2575J-100000@arctic>
Message-ID: <Pine.BSF.3.91.960930201830.23141B-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 30 Sep 1996, Bob Bruninga wrote:
>
> APRSdos REPLY/COMMENT: Sometimes your transmitted packet may be received
> with a slight garble (such has having a "c" or "cmd" infront of it. APRS
> sees this as a NEW station with the call of cmdW3XYZ and then plots this
> garble of your station ON TOP of your station. Since this was a ONE-TIME
> garble, it will eventually fade to gray! COuld this be it?

I have noticed this "garble" on occasion.....always on my own station call.
Whenever I see it I make sure to check the P page so see if it is there....
If so, I DELETE it right away. Never had a problem with grey out on my WX
stn with 7.7b

Richard Amirault   N1JDU   Boston, Massachusetts USA
amirault@tiac.net   "Go Fly A Kite"

From quarry@q.continuum.net Mon Sep 30 20:31:08 1996
Received: from q.continuum.net (q.continuum.net [199.0.52.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA07727 for <aprssig@tapr.org>; Mon, 30 Sep 1996
20:31:06 -0500 (CDT)
Received: from 199.0.52.81 (cd-32.continuum.net [199.0.52.81]) by q.continuum.net
(8.6.12/8.6.12) with SMTP id VAA01674 for <aprssig@tapr.org>; Mon, 30 Sep 1996
21:42:10 -0400
Message-ID: <3250746E.468F@q.continuum.net>
Date: Mon, 30 Sep 1996 21:31:26 -0400
From: Chip Griffin <quarry@q.continuum.net>
X-Mailer: Mozilla 3.0 (Macintosh; I; 68K)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5253] Re: DOS *.TXT FILES
References: <v03007806ae758a7b1473@[165.1.27.20]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark Sproul wrote:

> A xxx.EXE file is USELESS to a Mac user. A ZIP file is at least able
> to be read on a Mac (can a PC handle a Mac Stuffit file?). Anyone who
> has access to the internet and therefore could have received this
> message can download all of this from the internet anyway.

Yes, there is an unstuffit for IBM compatibles, it is freely available
on the net, I might even be able to mail you a copy for distribution if
you're interested.

--

Chip Griffin - President of TRAUG
 SysOp of The Quarry (860-889-6427)
------------------------+-----------------------
quarry@q.continuum.net | N1MIE@n1okk.ct (packet)
griffge@nu.com | Chip@1:320/301.0
emme2@aol.com |

http://q.continuum.net/~quarry/

From JohnLGaf@gnn.com Mon Sep 30 20:32:06 1996
Received: from mail-e2a.gnn.com (mail-e2a.gnn.com [204.148.102.169]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA07755 for <aprssig@tapr.org>; Mon, 30 Sep 1996 20:32:04 -0500 (CDT)
Received: from 70-32.client.gnn.com. (70-32.client.gnn.com [205.188.70.32]) by mail-e2a.gnn.com (8.7.1/8.6.9) with SMTP id KAA26241 for <aprssig@tapr.org>; Mon, 30 Sep 1996 10:07:27 -0400 (EDT)
Message-Id: <199609301407.KAA26241@mail-e2a.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Sep 1996 09:07:45
From: JohnLGaf@gnn.com (John L. Gafford)
To: aprssig@tapr.org
Subject: APRS DOC Files

Gentlepersons, I don't have Bob's permission yet to put a zipped
set of APRS DOCS on TAPR's ftp, and won't until he tells me it's
OK. Also, if you people really don't want them there, then I can
forget the whole thing. Was just trying to help.

73, John - N5XAK...

From wa4dsy@wa4dsy.radio.org Mon Sep 30 20:44:39 1996
Received: from wa4mei.radio.org (wa4mei.radio.org [206.28.192.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA08225 for <aprssig@tapr.org>; Mon, 30 Sep 1996 20:44:37 -0500 (CDT)
Received: by wa4mei.radio.org (/\==/\ Smail3.1.28.1 #28.8)
        id <m0v7tst-0001LjC@wa4mei.radio.org>; Mon, 30 Sep 96 21:44 EDT
Message-Id: <m0v7tst-0001LjC@wa4mei.radio.org>
Date: Mon, 30 Sep 96 21:44:29 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: Re: [APRSSIG:5258] Re: Precision Mapping Problem?

On Mon, 30 Sep 1996 13:05:40 -0500 (CDT) you wrote:

>> If this is the case then why does this program not seem to respond to my RMC
>> (and everything else the Garmin puts out) data so that the sat info window
>> works ? I was under the impression that the sats signal levels would be
>> graphed in the window.
>>

>> 1st I thought it was probably looking for another brand of GPS data that may
>> have it but if it requires RMC like the Garmin puts out then it must be
>> another problem.
>>
>>
>> >Yes, as far as I have been able to determine, Prec Mapping GPS
>> >NEEDS the RMC string to work.
>> >Dick WB6NGC

I'm using a Garmin 45 and/or Garmin GPS-20 and both give sat sig levels
on Precision Mapping GPS. The Garmin 45 must be in NEMA 183 2.0 mode
for this to work. For example, NEMA 1.5 mode did not produce any
sat signal levels for me. Go to I/O setup on the Garmin 45 to change
NEMA modes.

Another interesting thing... You can run both PMAP.exe and GPS.exe
and they will talk to each other with the GPS updating the map and
putting the "arrow" on the PMAP display! This mode worked fine
under WIN-OS/2 (Warp 4.0) but attempting this on Windows 95 crashed the OS.
Because of this I think my Windows 95 partition will soon be history.

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - http://www.wa4dsy.radio.org
Running OS/2 Warp 4.0 : The only x86 operating system that
is more stable than most people who use it.

From paulc@cyclades.com Mon Sep 30 22:41:03 1996
Received: from MediaCity.com (root@easy1.mediacity.com [205.216.172.10]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA12076 for <aprssig@tapr.org>; Mon, 30
Sep 1996 22:40:59 -0500 (CDT)
Received: from moe (easyfm.mediacity.com [205.216.172.145]) by MediaCity.com
(8.6.11/8.6.9) with SMTP id UAA19549 for <aprssig@tapr.org>; Mon, 30 Sep 1996
20:37:09 -0700
Sender: paul@MediaCity.com
Message-ID: <324ED5D9.75FF483D@cyclades.com>
Date: Sun, 29 Sep 1996 13:02:33 -0700
From: "Paul Christenson [N3EOP]" <paulc@cyclades.com>
Organization: Cyclades Corporation
X-Mailer: Mozilla 3.0Gold (X11; I; Linux 2.0.19 i586)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5179] Docs vs Restrictions
References: <199609271852.LAA08108@guilder.ucdavis.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a couple of possible solutions to the "newbie" problem. They
have worked well in the *nix world.

1. Put in a check for undesireable paths. Give a warning, but allow
the path. (Netscape does something similar with >4 line signatures.)

2. Have a config file shipped with an incorrect, but still reasonable
name. This forces users to read the docs to find out how to get the
program to run.

3. Require a registration key. Supply an "unregistered" registration
key in the documentation.

These all work well, with a minimal impact on the experienced user.

de N3EOP/6

--


```
         +-----------------------------------------------------+
         | Technical Support Engineer, Cyclades Corporation    |
         | 800/88-CYCLADES (882-9252) or (510)770-9727, x258   |
         | Maker of High Performance Multiport Serial Cards    |
         | Unsolicited mail ads subject to a $25 handling fee  |
         +-----------------------------------------------------+
```


From bruninga@nadn.navy.mil Mon Sep 30 23:06:03 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA12790 for <aprssig@tapr.org>; Mon, 30
Sep 1996 23:06:00 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.7.5/8.7.3) with SMTP id AAA12981; Tue, 1 Oct 1996 00:10:50 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 1 Oct 1996 00:10:50 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: amsat-bb@amsat.org
cc: aprssig@tapr.org
Subject: Re: 144.3-.5 Mhz Mobile Satellite channels
In-Reply-To: <199609302235.SAA16297@grumpy.magg.net>
Message-ID: <Pine.GSO.3.95.961001000523.12381C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 30 Sep 1996, Richard Garcia wrote about the suggested Mobile
Satellite Uplink channels.

> Everything sounds great Bob, I agree it would be a "moving" accomplishment
> for the amateur community to be able to do this, one problem. Who would do
> this ??? AMSAT seems to have their hands full with Phase III, costs are
> REALLY out of this world to build such a thing that lasts, no punn intended,
> Does AMSAT have enough people or interest to devote to another project ?

WB4APR REPLY: Well, I donno. But I say it is time to move on. We have
been putting up flying BBS's now for 10 years. WIth the internet, who
needs them? Isnt it time to apply amateur satellites to the MOBILE
HAM where there is NO OTHER long distance COMMUNICATION SOLUTION other
than HF?

 Reply mail addr:
wb4apr@amsat.org
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

From ke4htm@bluenet.net Mon Sep 30 23:29:16 1996
Received: from prophet.bluenet.net (prophet.bluenet.net [205.244.98.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA13177 for <aprssig@tapr.org>; Mon, 30
Sep 1996 23:29:15 -0500 (CDT)
Received: from ke4htm.bluenet.net by prophet.bluenet.net via SMTP
(940816.SGI.8.6.9/940406.SGI)
     for <aprssig@tapr.org> id AAA07545; Tue, 1 Oct 1996 00:15:06 -0700
Message-Id: <2.2.32.19961001042911.0068140c@bluenet.net>
X-Sender: ke4htm@bluenet.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 01 Oct 1996 00:29:11 -0400
To: aprssig@tapr.org
From: "Jamie R. Dean" <ke4htm@bluenet.net>
Subject: re: beeps

I found out the beeps where coming from the weather alarms. Seems I forgot
to set the distance command and was getting a weather alarm from 500miles away.
                                    thanks,
                                         Jamie - KE4HTM

+--+
| Jamie R. Dean |
| Amateur Radio Call: KE4HTM |
| Internet E-Mail...: ke4htm@bluenet.net |
| APRS Page.........: http://www.bluenet.net/ke4htm |
+--+